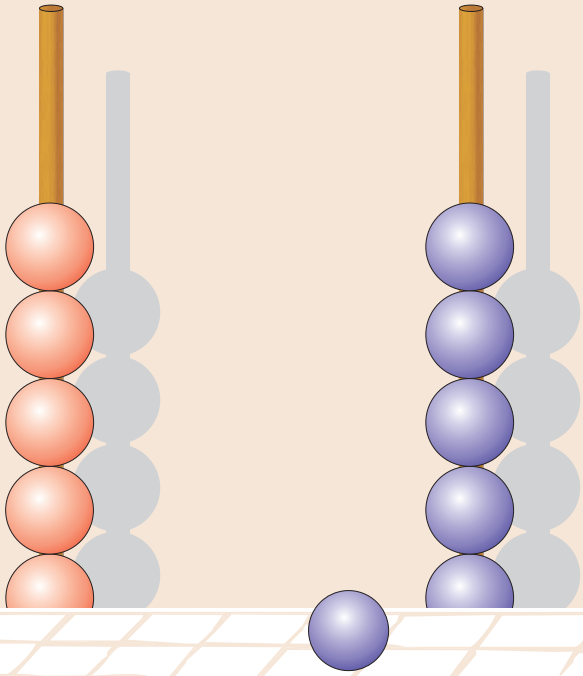
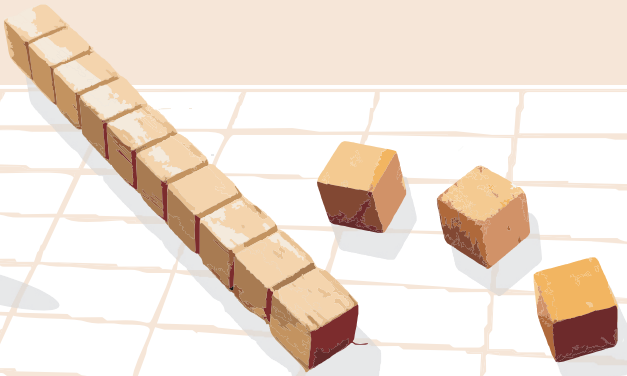
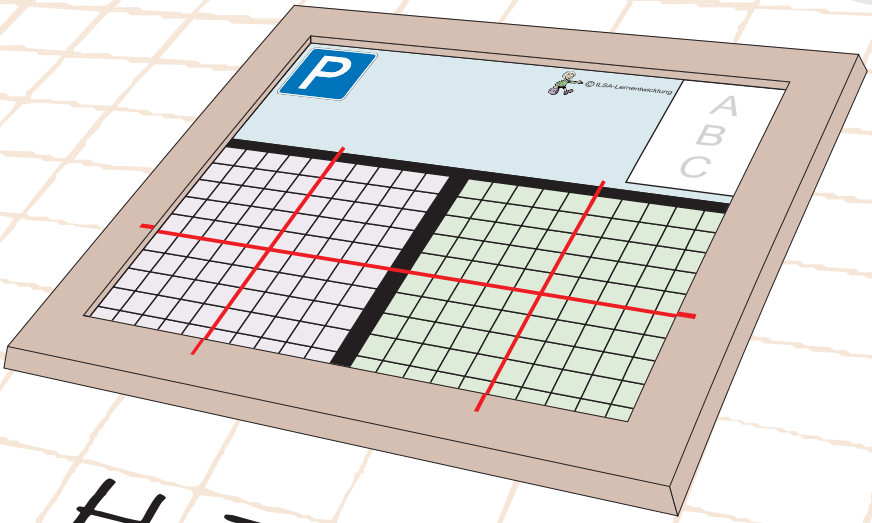
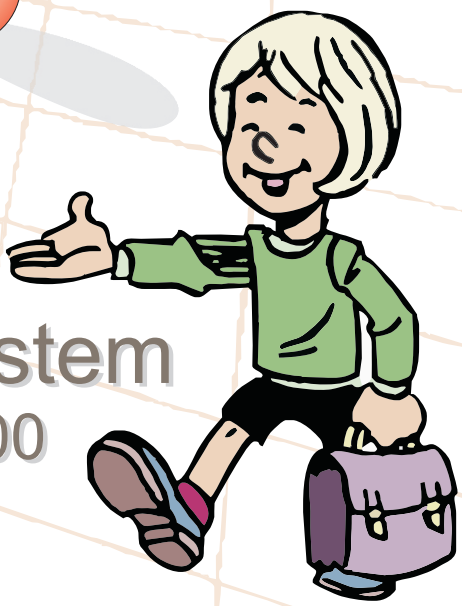
ILSA SWS







H Z E
1 0 0



Arbeitsheft 2
Stellenwertsystem
Zahlenraum bis 100

Mein Name ist

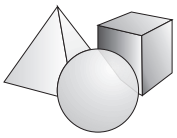
1. Auflage

Entwicklung:

MATHEMATISCH LERNTHERAPEUTISCHES ZENTRUM
Dortmund - Bochum - Lüdenscheid



Mathematisch Lerntherapeutisches Institut
Düsseldorf



Mitglieder im:

Arbeitskreis des **Zentrums für angewandte Lernforschung** (gemeinnützige GmbH)



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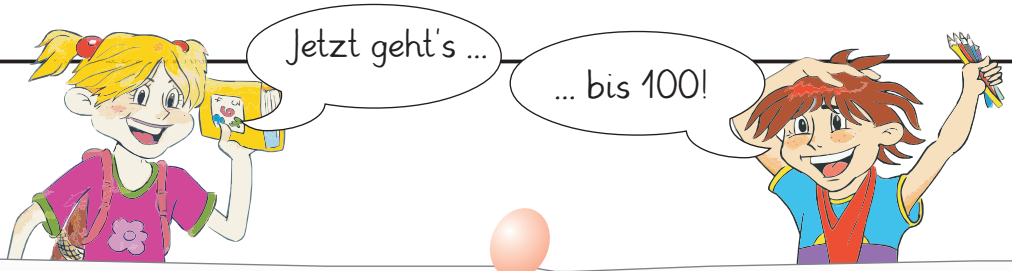
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leicht mittel schwer

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Daniela Keppeler
Kirsten Jares

Soest

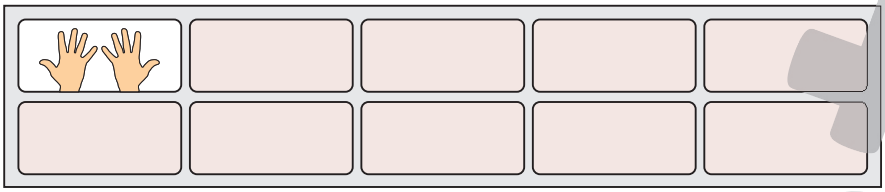
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Dorsten

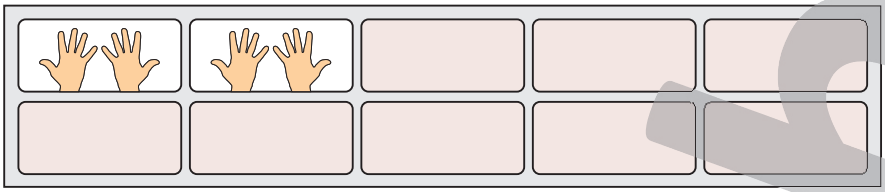
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Erkelenz

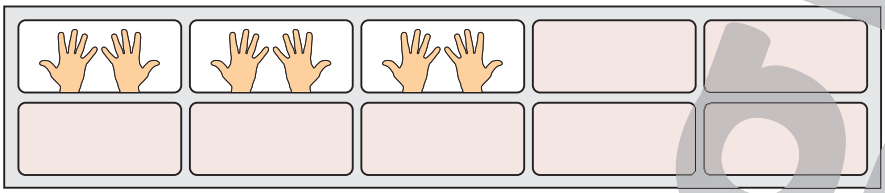
Wir lernen das Zählen bis 100!



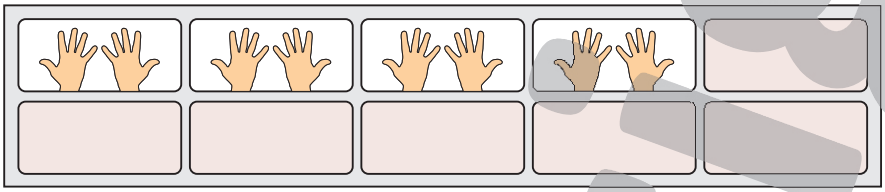
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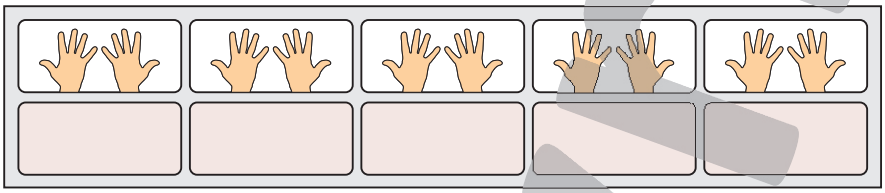
20 zwanzig



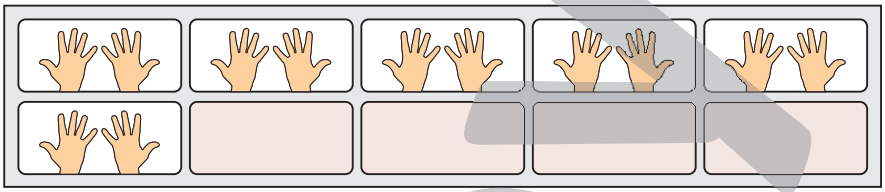
30 dreißig



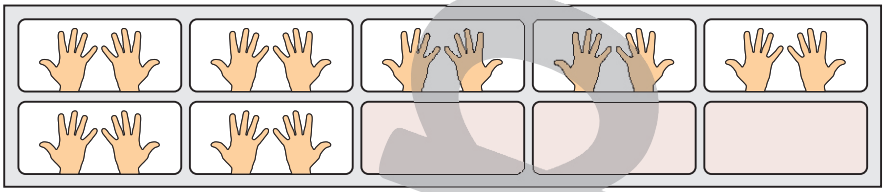
40 vierzig



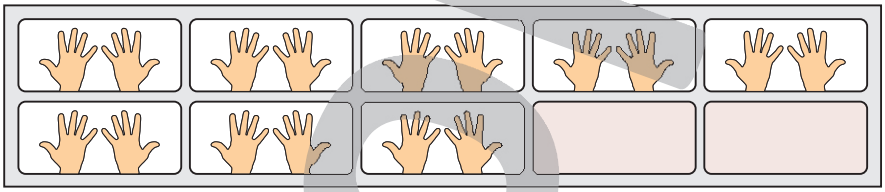
50 fünfzig



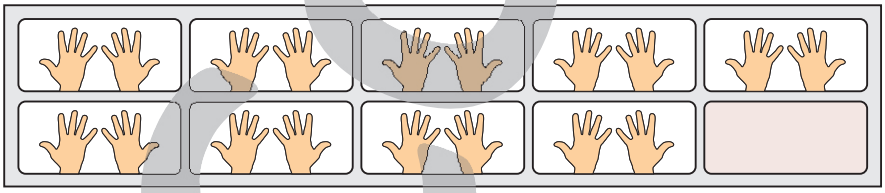
60 sechzig



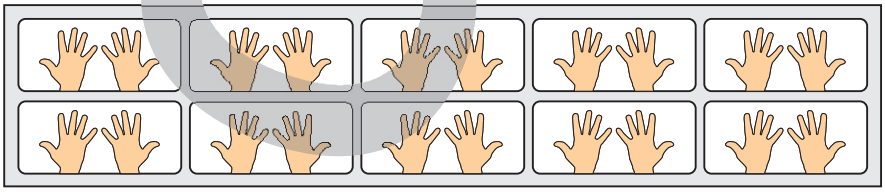
70 siebzig



80 achtzig



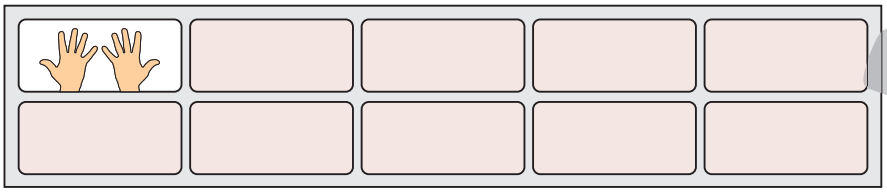
90 neunzig



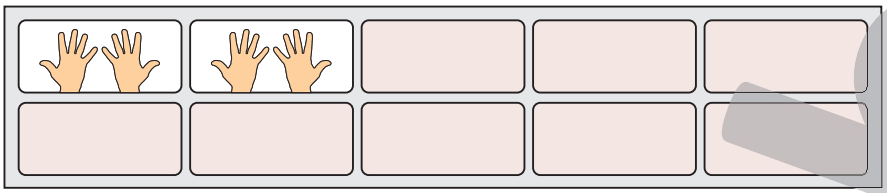
100 einhundert

Probe

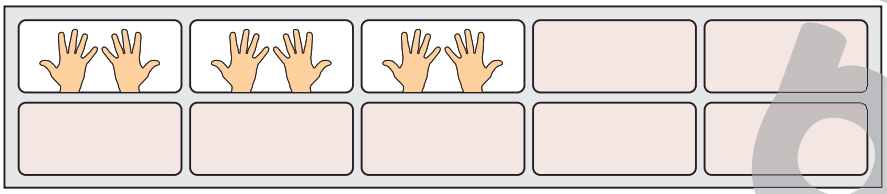
Schreibe die Zahlen nach und lese laut vor!



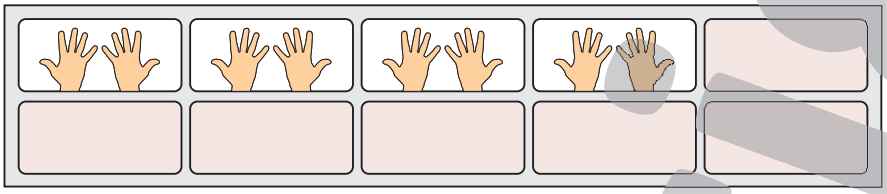
1 0 zehn



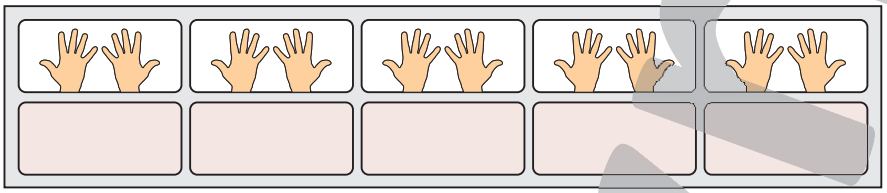
2 0 zwanzig



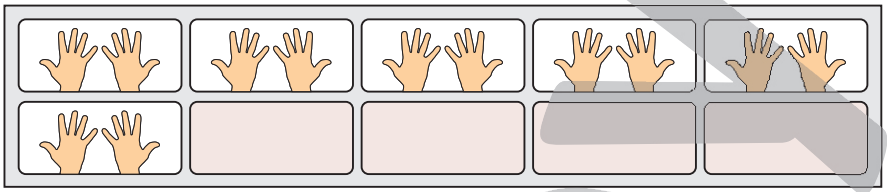
3 0 dreißig



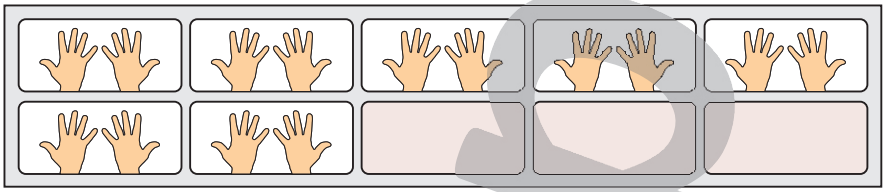
4 0 vierzig



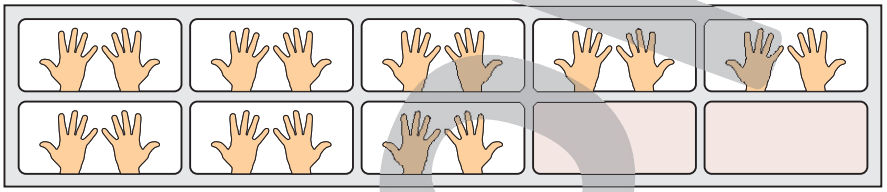
5 0 fünfzig



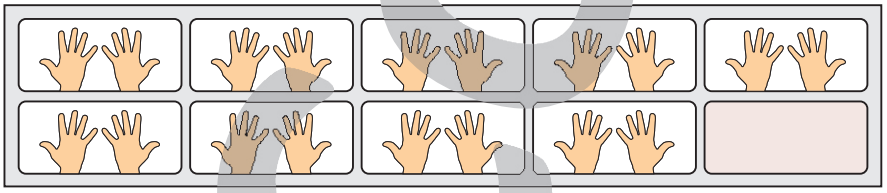
6 0 sechzig



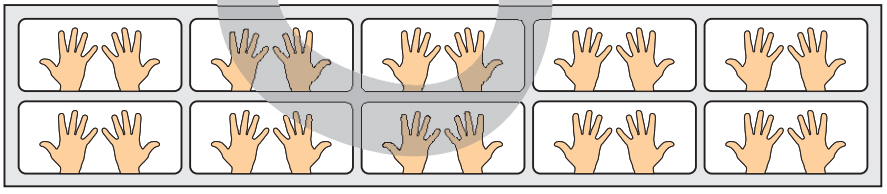
7 0 siebzig



8 0 achtzig



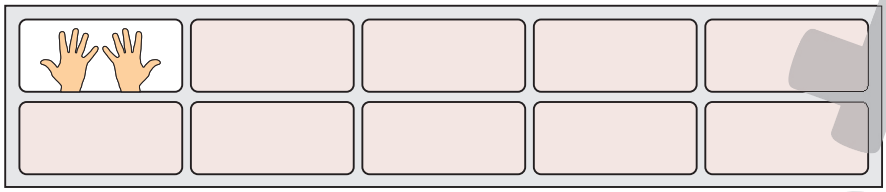
9 0 neunzig



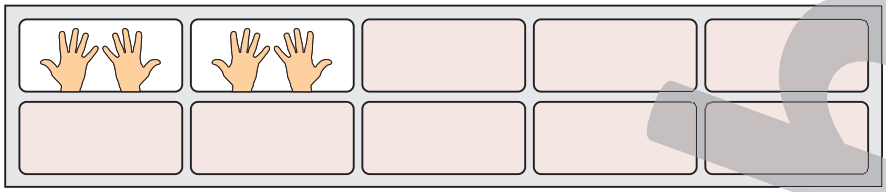
1 0 0 einhundert

Probe

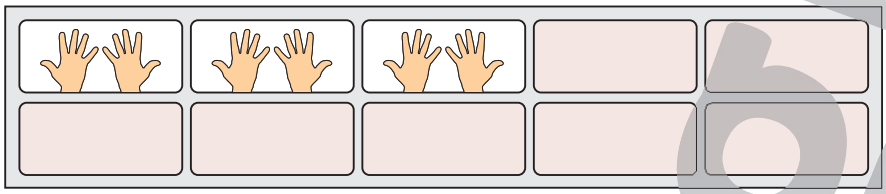
Hier fehlen einige Zahlen. Schreibe sie in die Kästchen



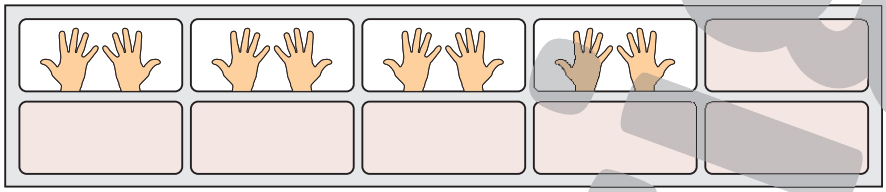
zehn



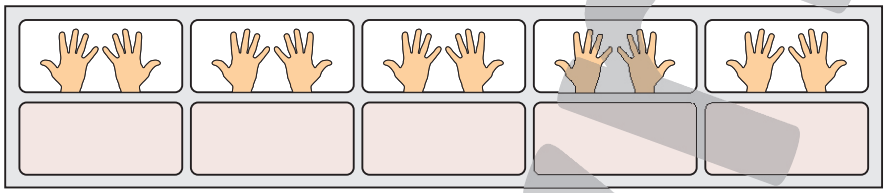
20 zwanzig



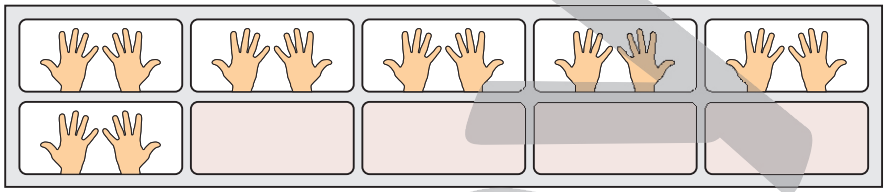
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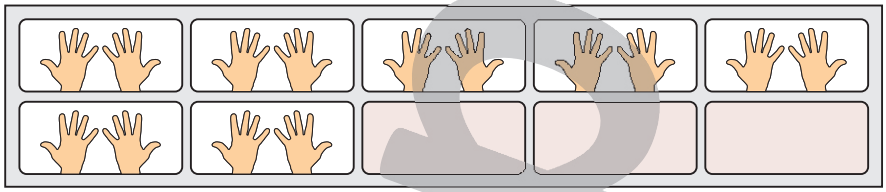
vierzig



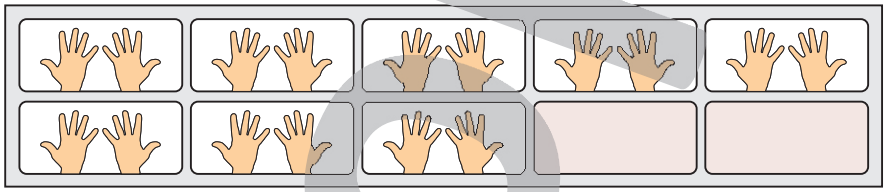
fünfzig



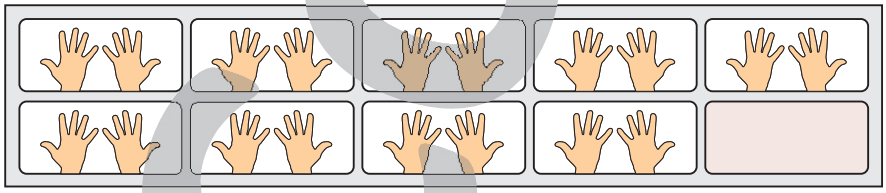
sechzig



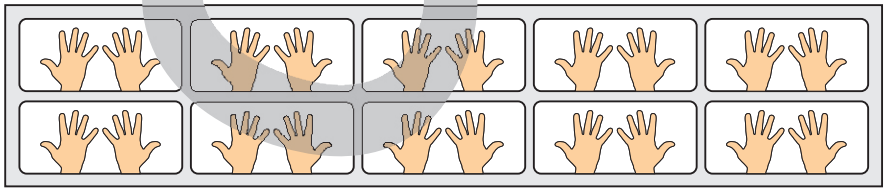
siebzig



achtzig



neunzig



einhundert

Druck



VORWÄRTS

RÜCKWÄRTS

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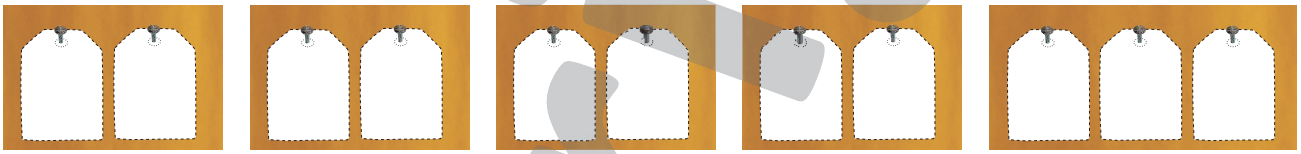
Schreibe die Zehner-Zahlen auf die Täfelchen. Kannst du schon den Zahlnamen schreiben?

VORWÄRTS



_____ _____zig _____ßig _____zig _____zig

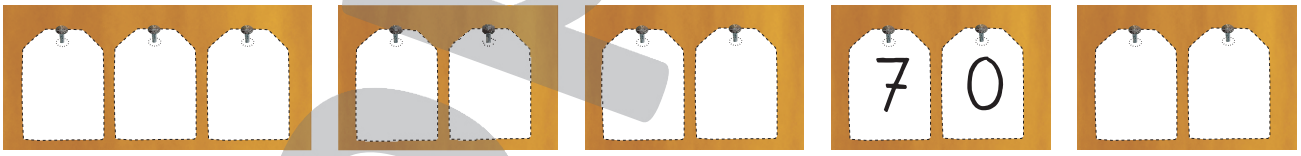
VORWÄRTS



_____zig _____zig _____zig _____zig _____hundert

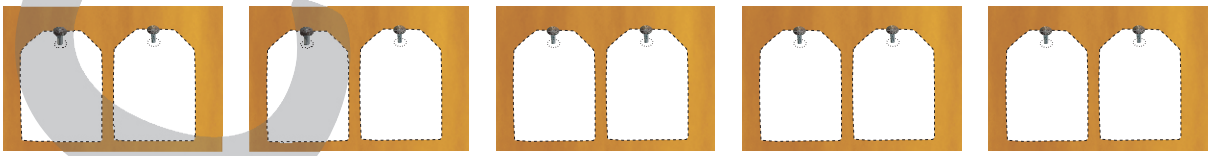


RÜCKWÄRTS



_____hundert _____zig _____zig _____zig _____zig

RÜCKWÄRTS

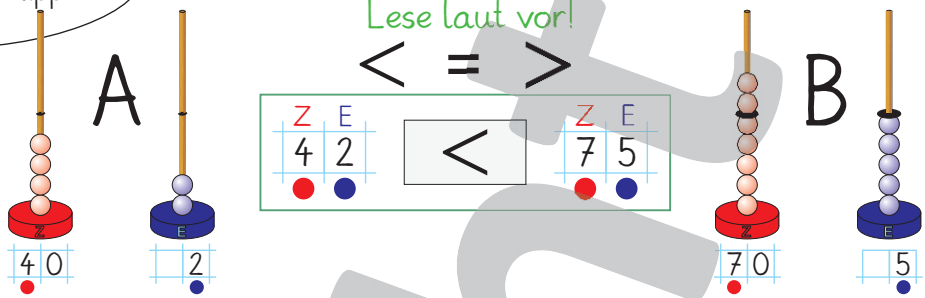


_____zig _____zig _____ßig _____zig _____

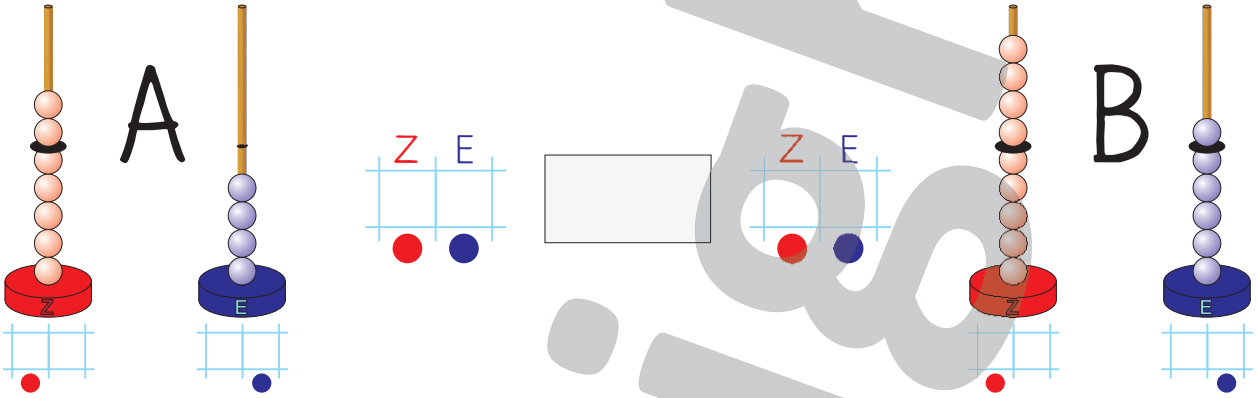
copyright



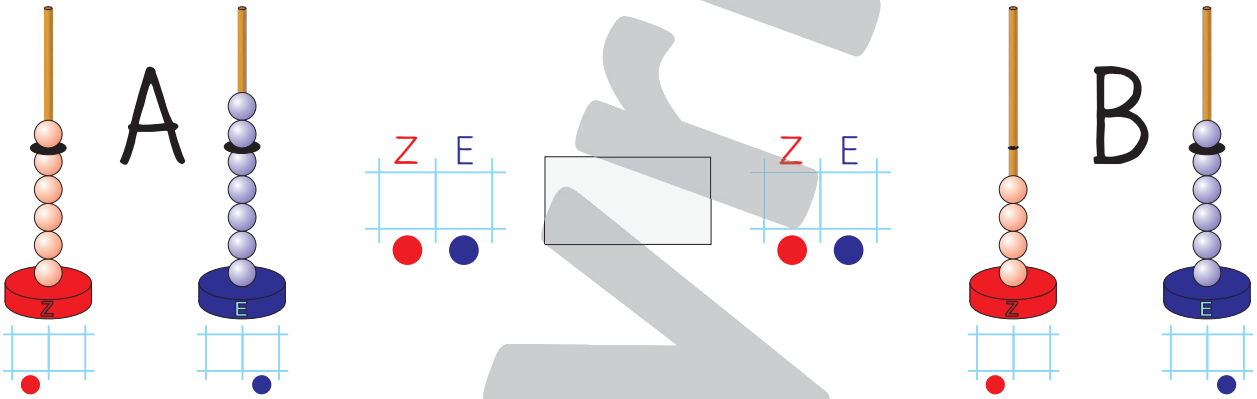
Beispiel



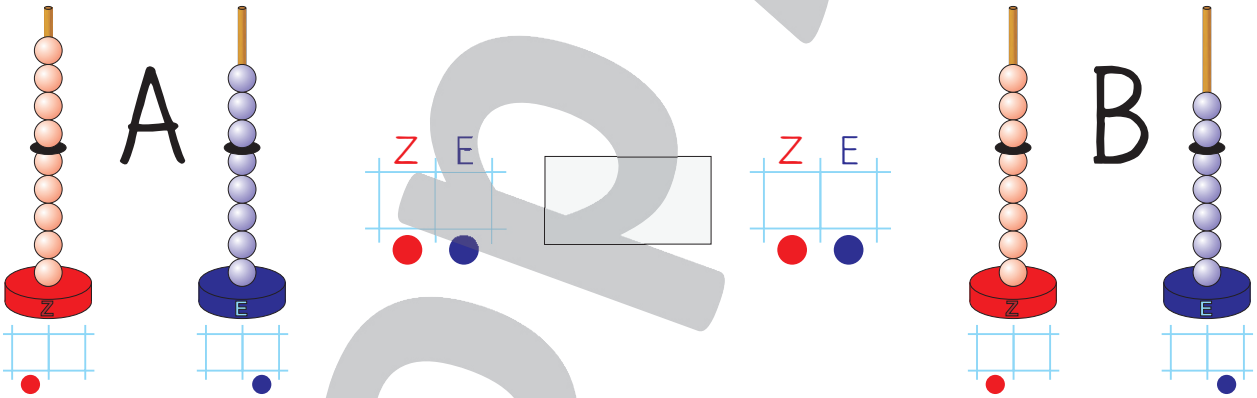
a)



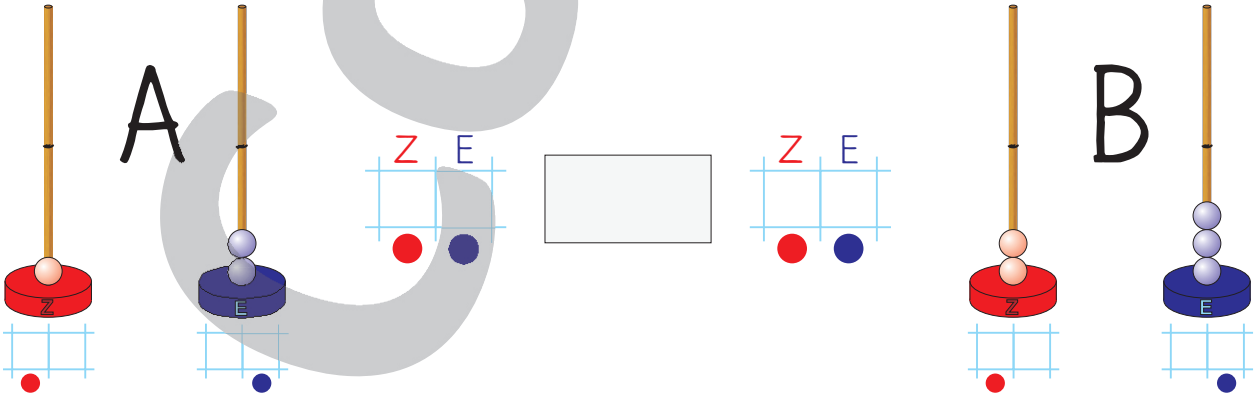
b)



c)

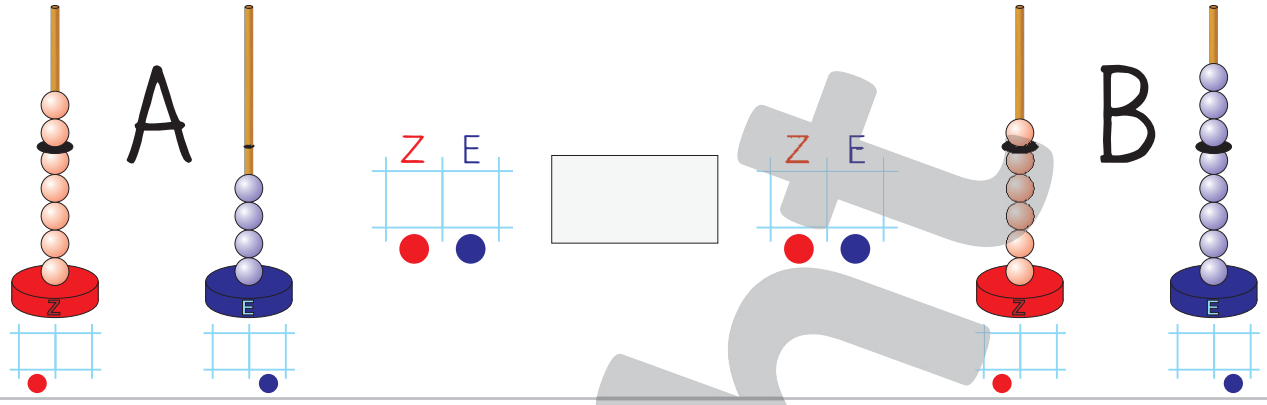


d)

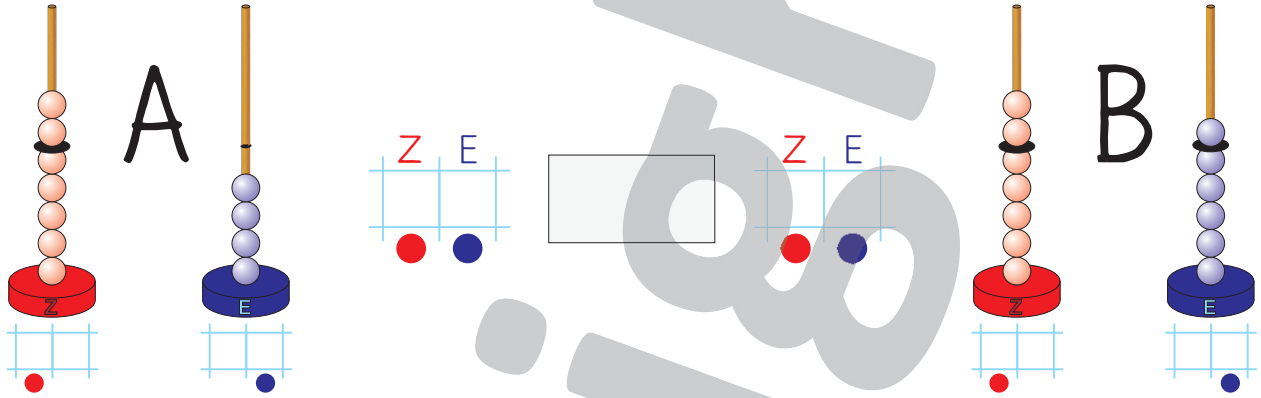


Copyright

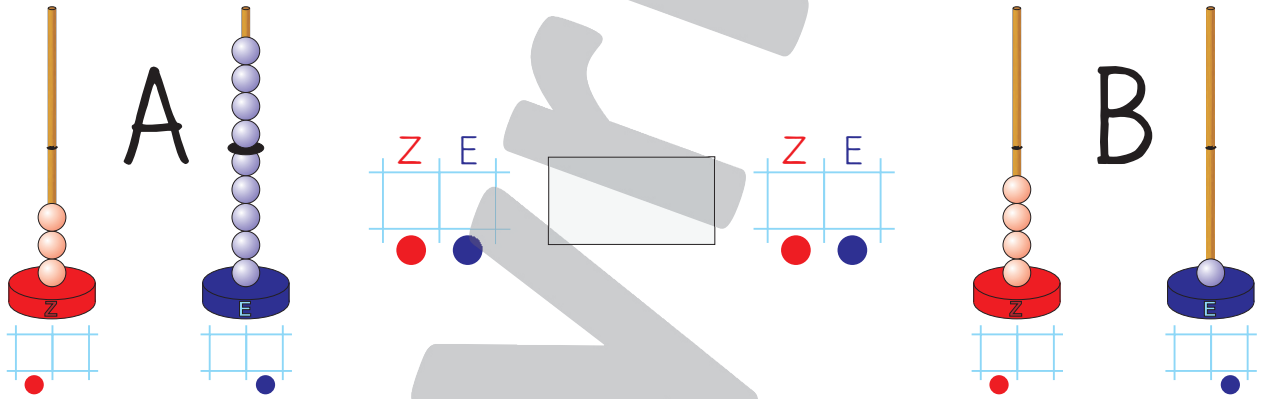
a)



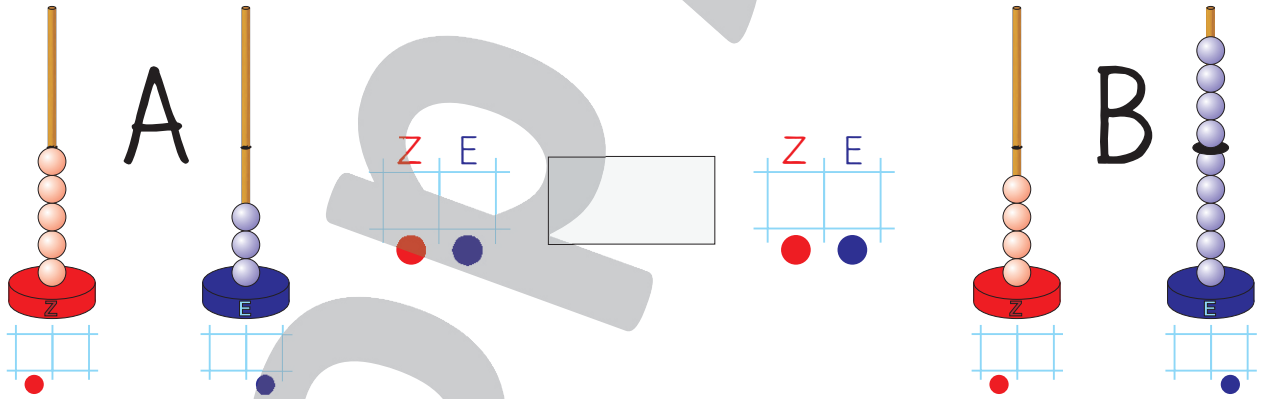
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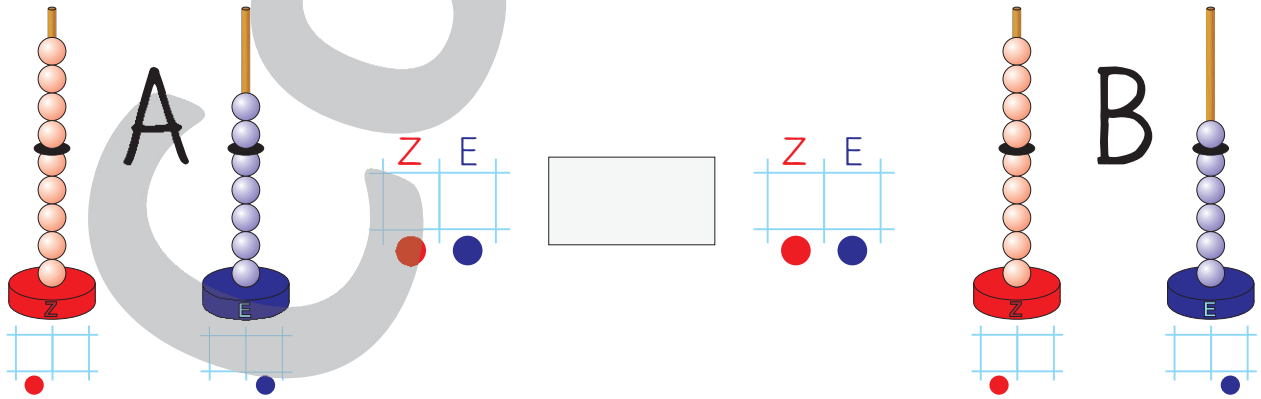
c)



d)

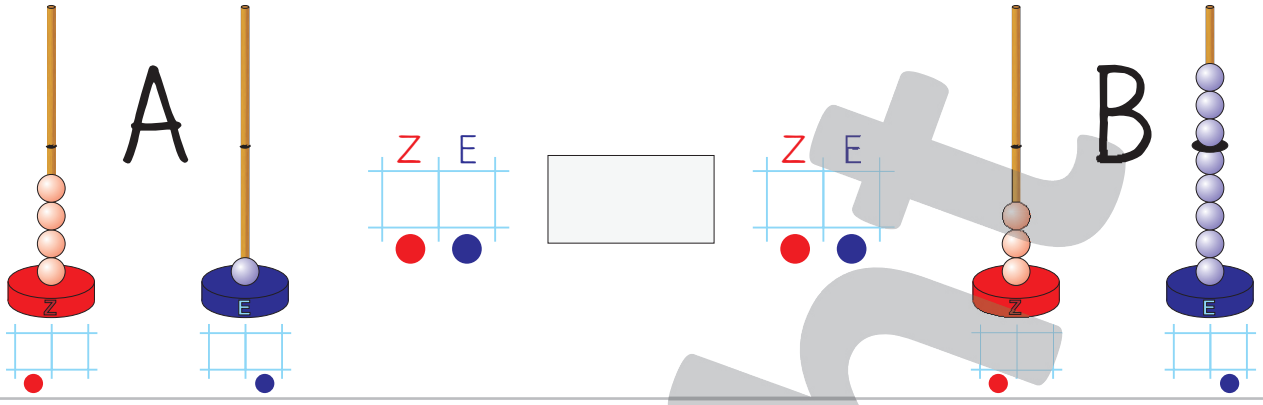


e)

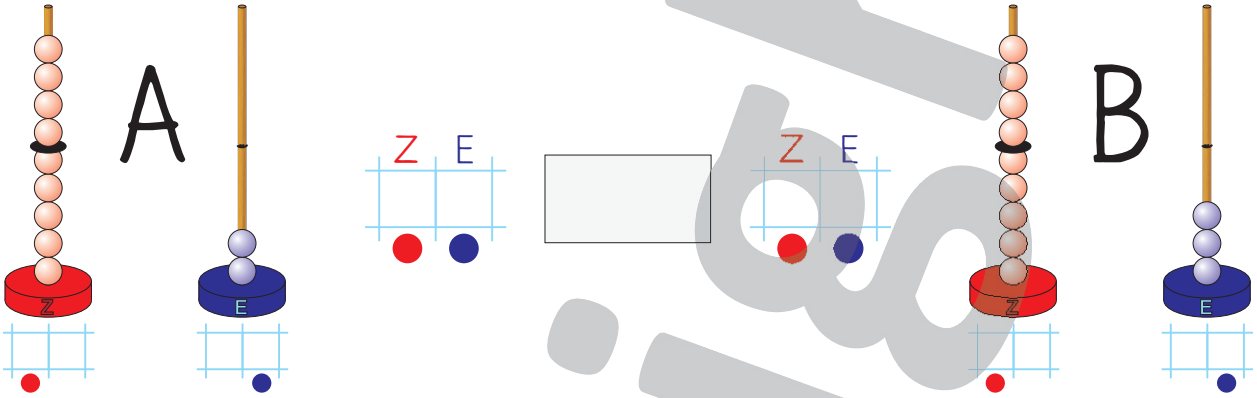


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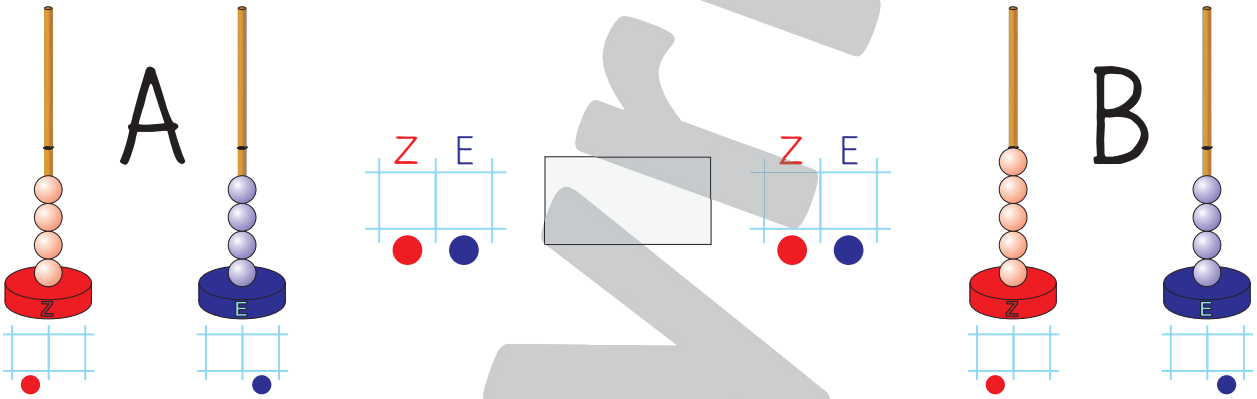
a)



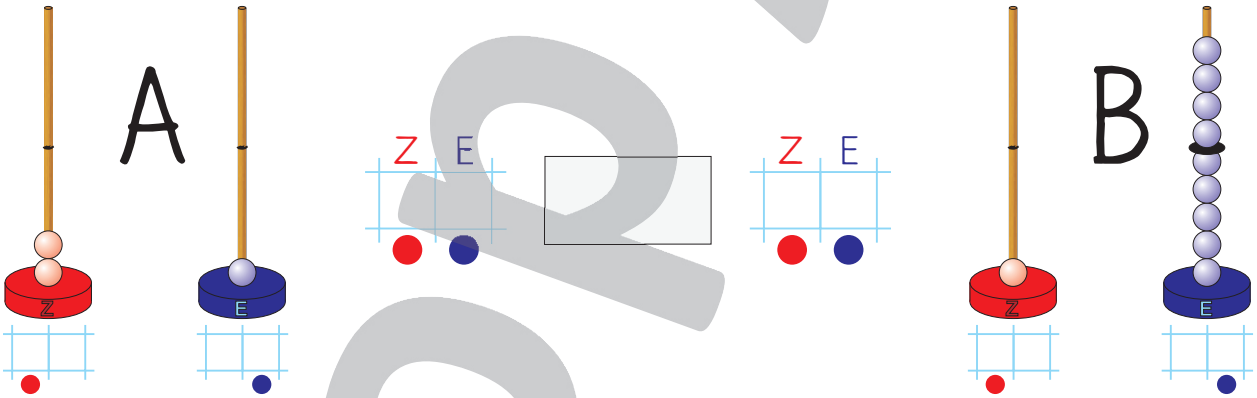
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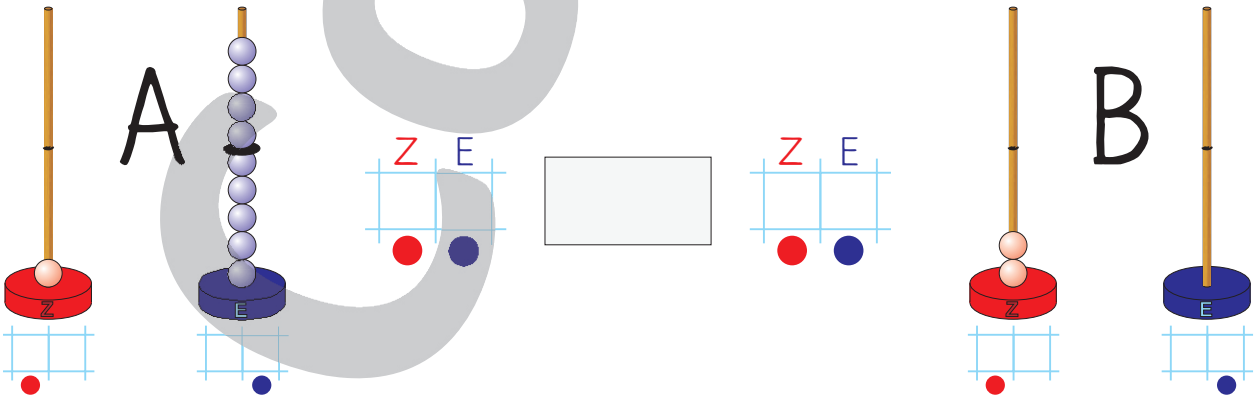
c)



d)

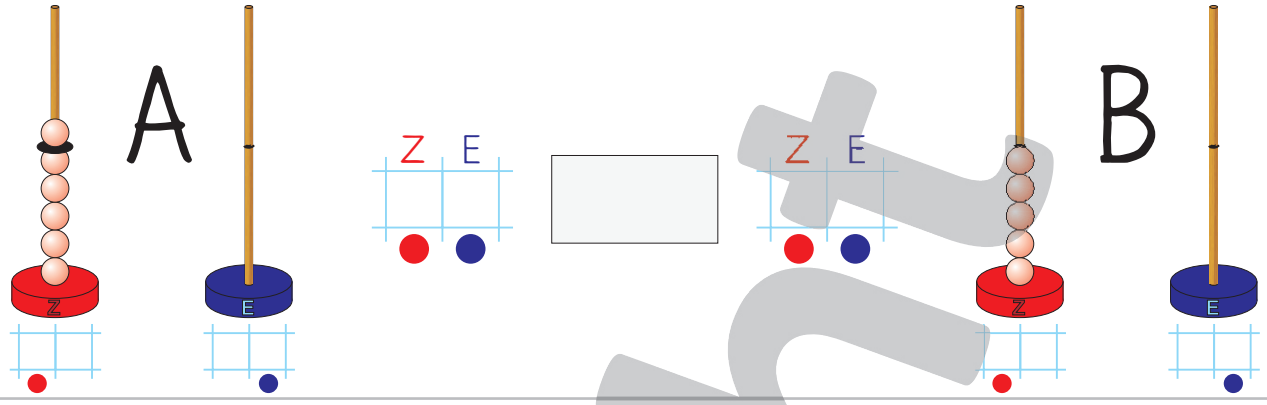


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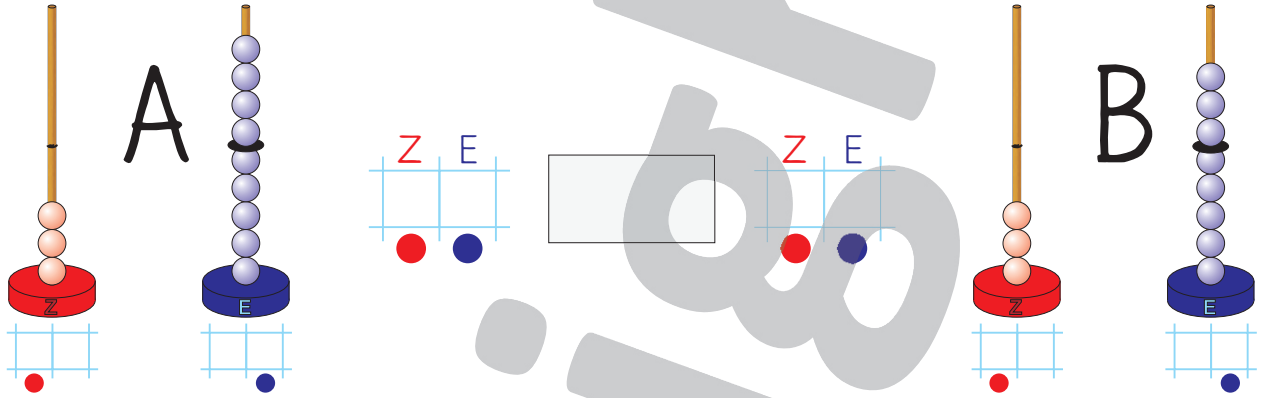


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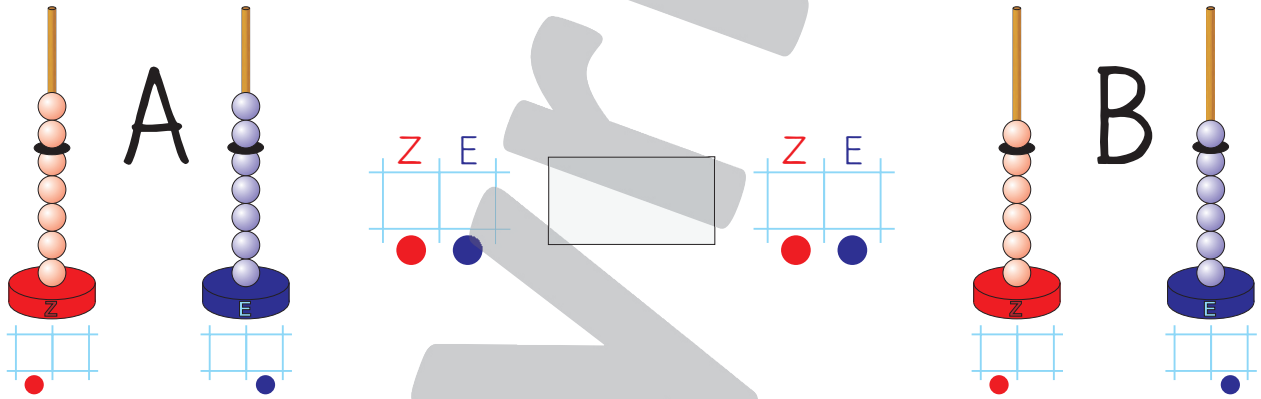
a)



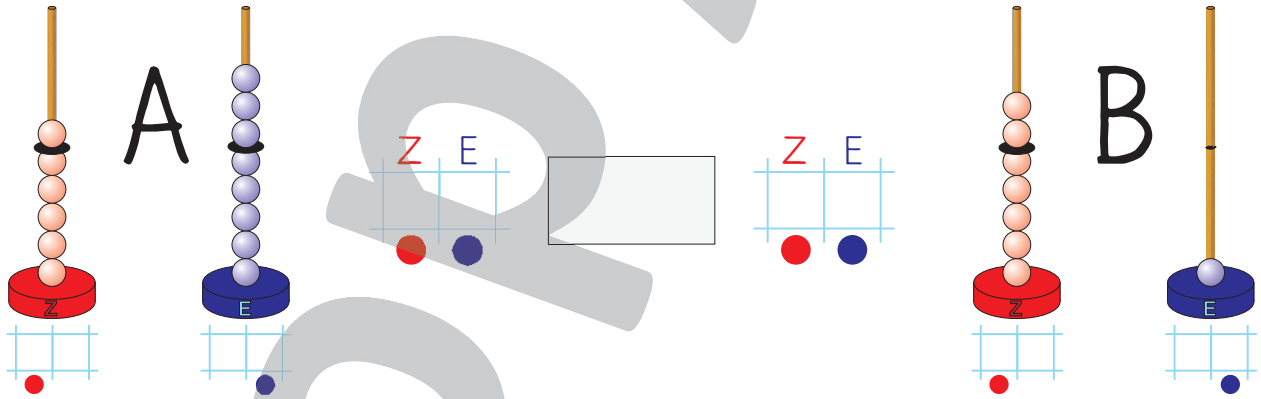
b)



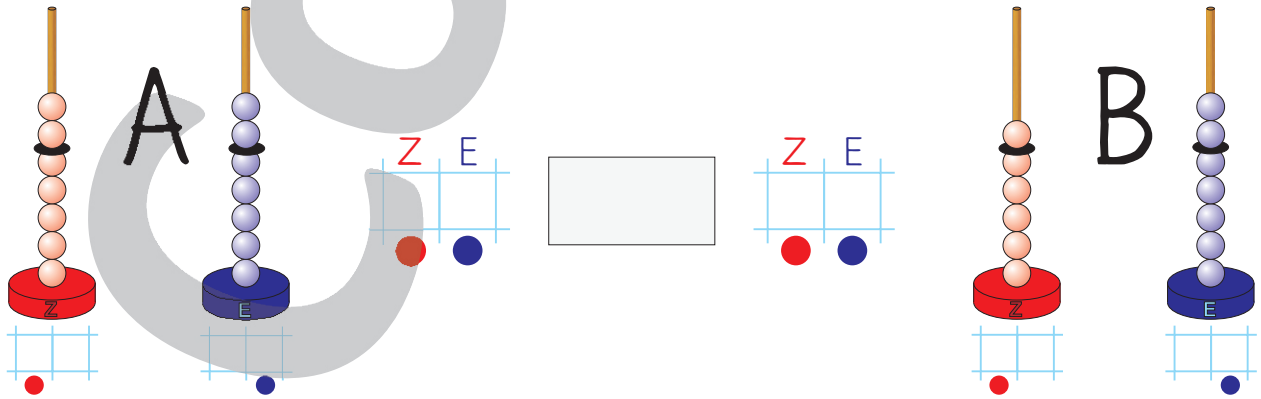
c)



d)



e)

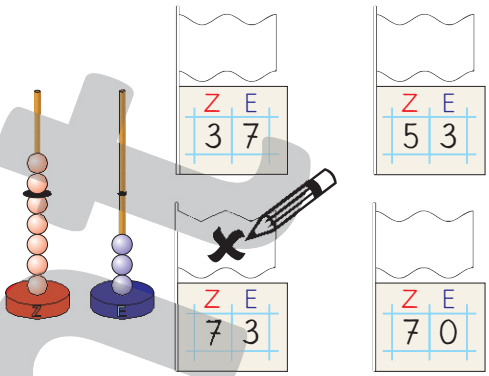


Copyright

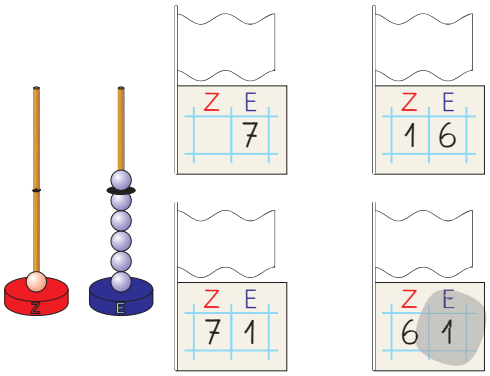


Male ein Kreuz auf die Fahne!

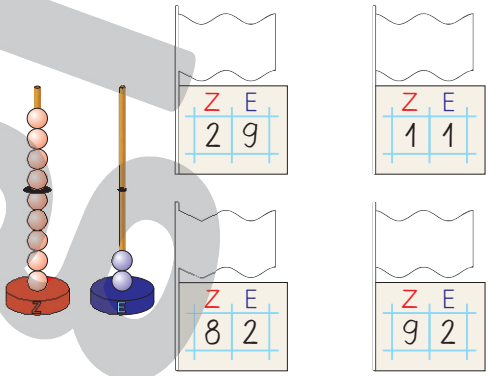
Beispiel



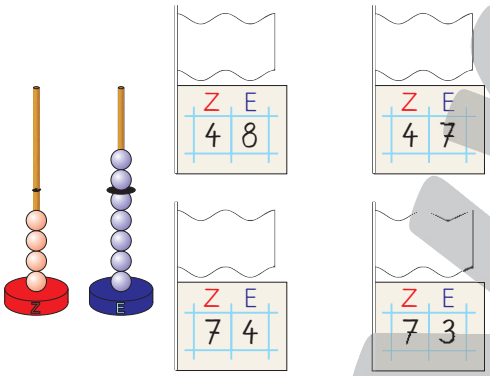
a)



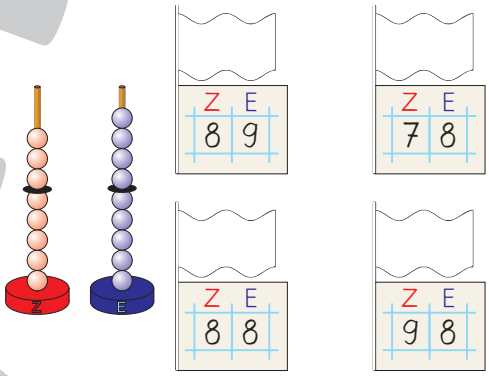
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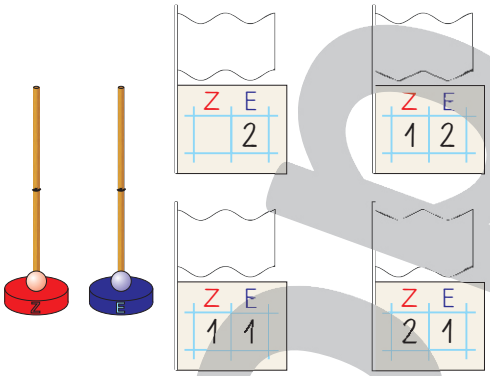
c)



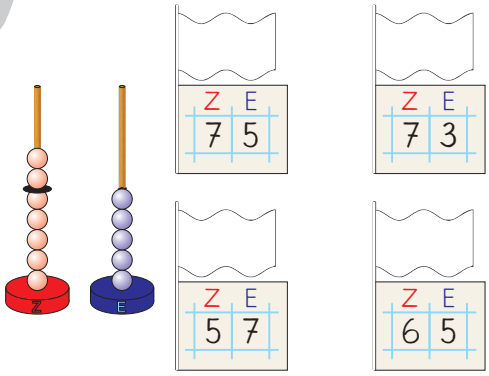
d)



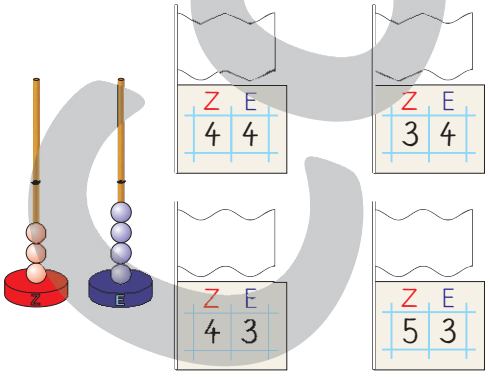
e)



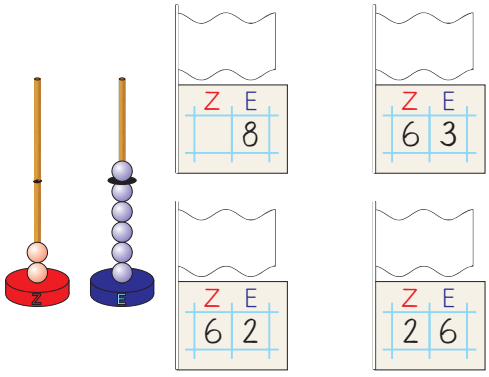
f)



g)

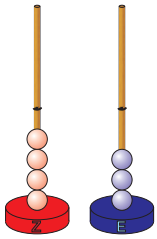


h)



copyright

a)



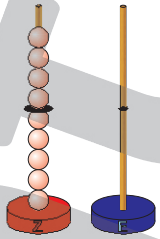
Z	E
3	4

Z	E
5	3

Z	E
4	3

Z	E
7	0

b)



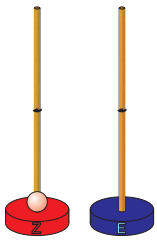
Z	E
	9

Z	E
9	9

Z	E
8	0

Z	E
9	0

c)



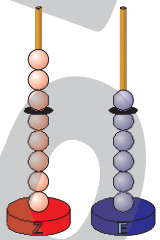
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Z	E
1	1

Z	E
1	0

Z	E
	1

d)



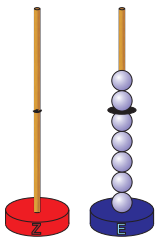
Z	E
7	8

Z	E
8	6

Z	E
6	5

Z	E
6	8

e)



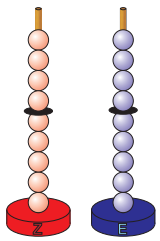
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	7

Z	E
6	7

Z	E
7	7

Z	E
7	0

f)



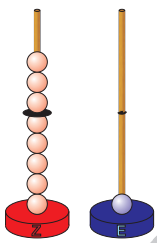
Z	E
1	1

Z	E
9	9

Z	E
6	9

Z	E
8	9

g)



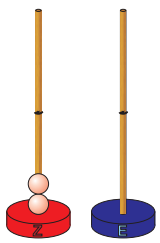
Z	E
9	0

Z	E
1	8

Z	E
8	1

Z	E
7	1

h)



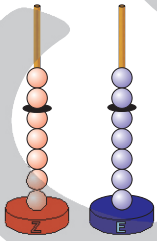
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Z	E
	2

Z	E
2	2

Z	E
2	0

i)



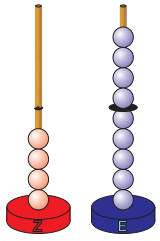
Z	E
	7

Z	E
7	7

Z	E
8	8

Z	E
7	8

j)



Z	E
4	9

Z	E
9	4

Z	E
4	8

Z	E
9	3

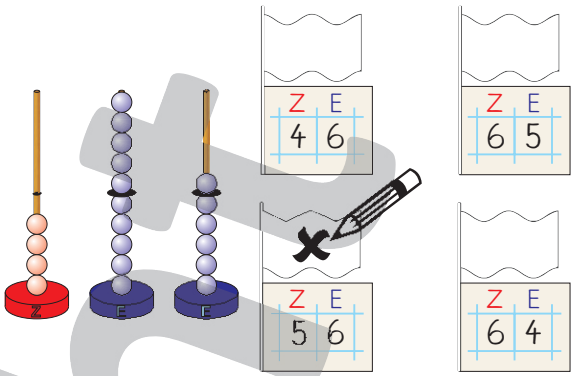
Copyright



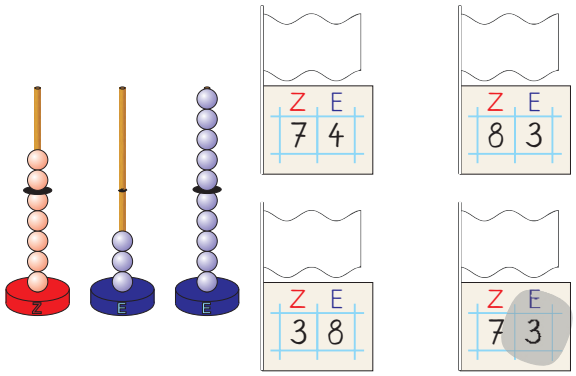
Male ein Kreuz auf die Fahne!

Tausche, wenn nötig!

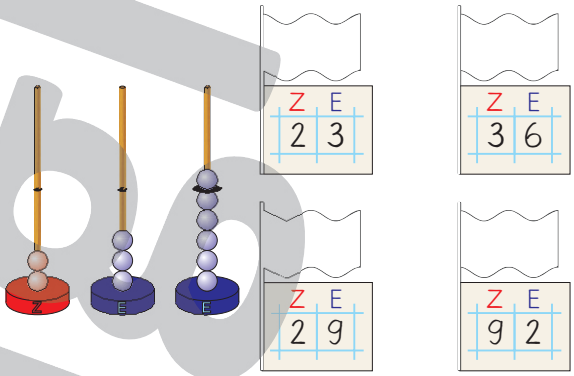
Beispiel



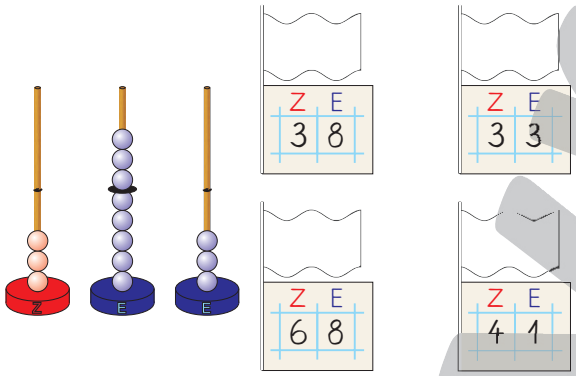
a)



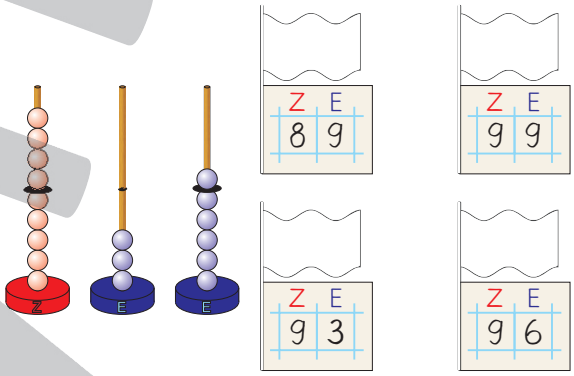
b)



c)

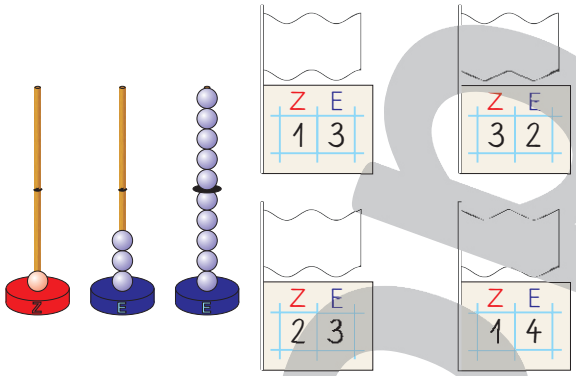


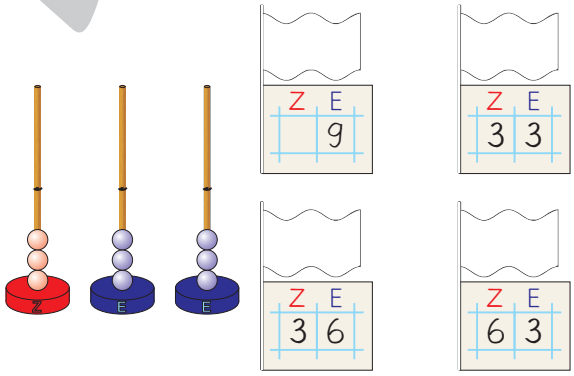
d)



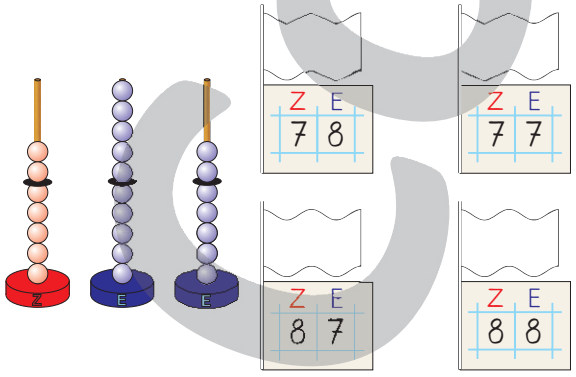
f)

e)

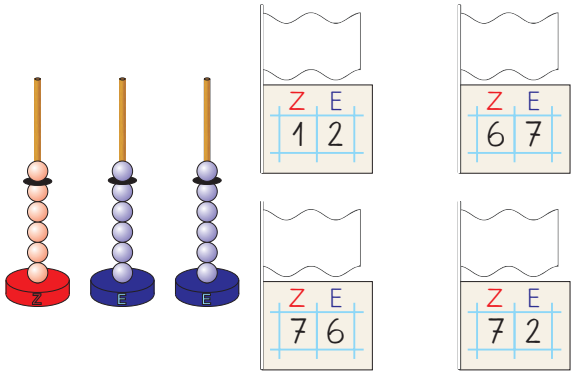




g)

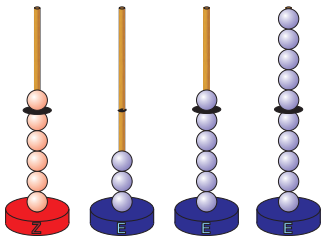


h)



copyright

a)



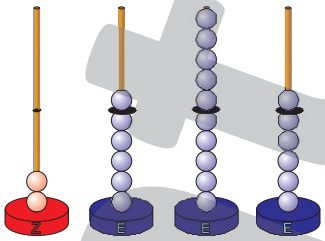
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7	6

Z	E
9	7

Z	E
7	9

Z	E
7	3

b)



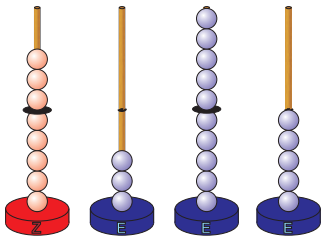
Z	E
3	2

Z	E
4	2

Z	E
3	6

Z	E
6	2

c)



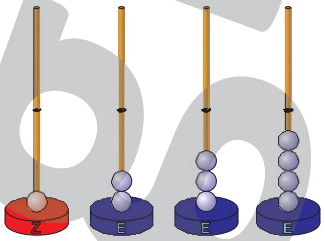
Z	E
9	8

Z	E
9	3

Z	E
8	9

Z	E
9	9

d)



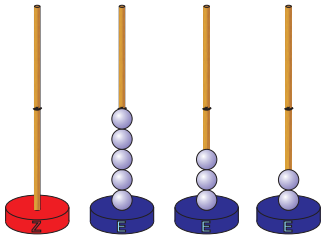
Z	E
1	5

Z	E
1	9

Z	E
2	0

Z	E
1	7

e)



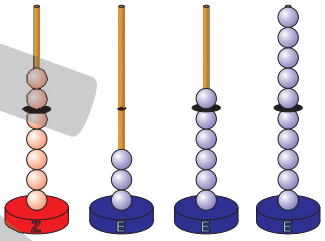
Z	E
	8

Z	E
2	3

Z	E
1	9

Z	E
1	0

f)



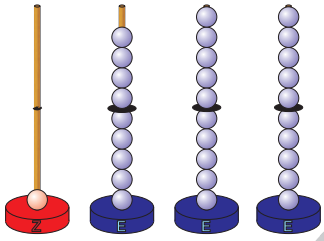
Z	E
9	7

Z	E
8	9

Z	E
7	9

Z	E
8	6

g)



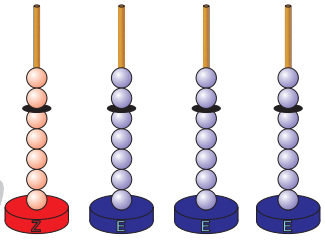
Z	E
4	9

Z	E
9	5

Z	E
3	9

Z	E
9	3

h)



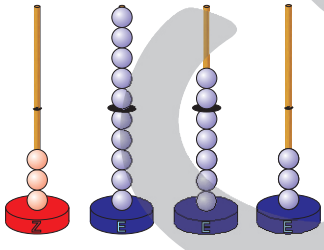
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3	7

i)



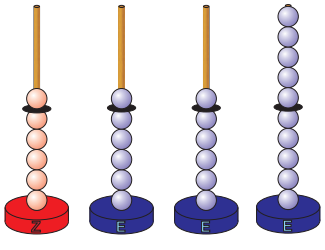
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j)



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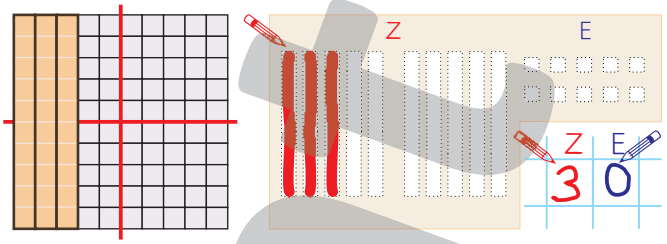
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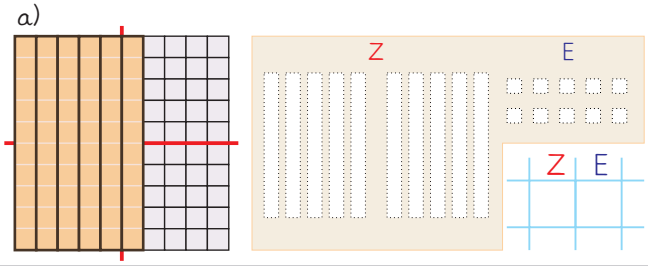
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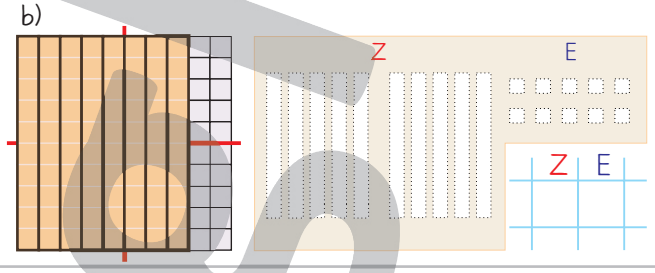
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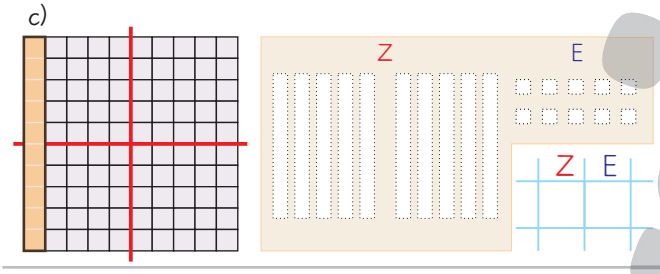
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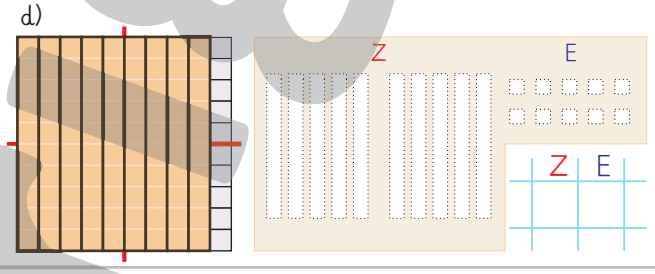
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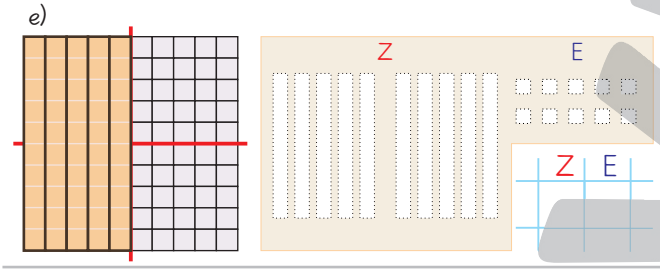
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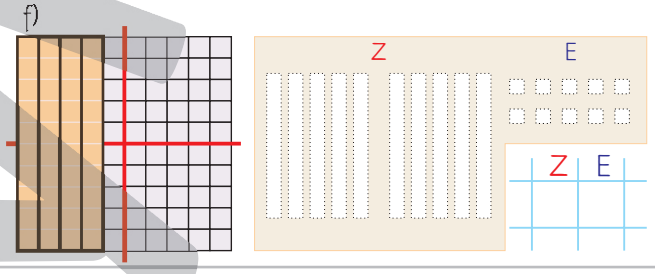
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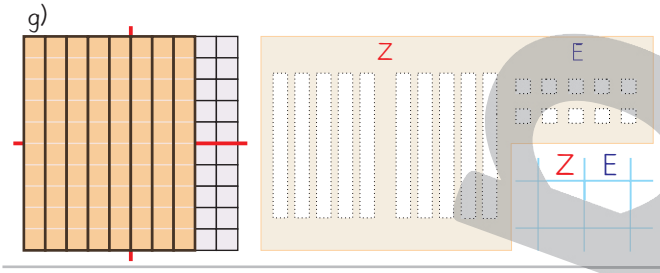
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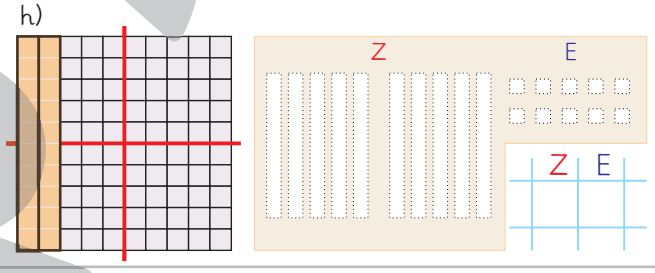
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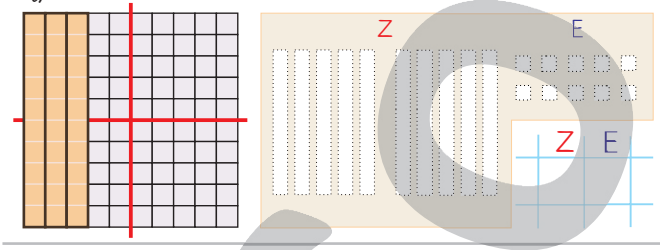
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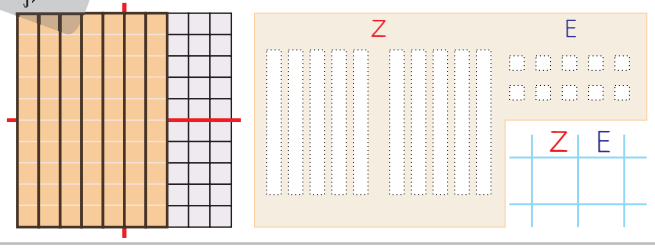
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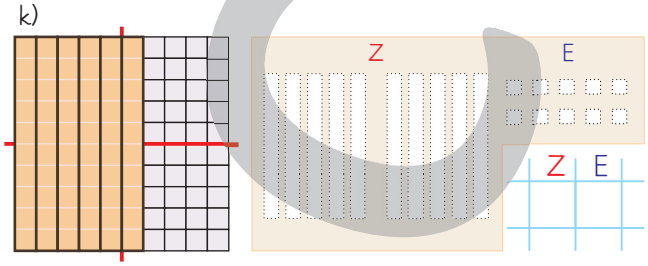
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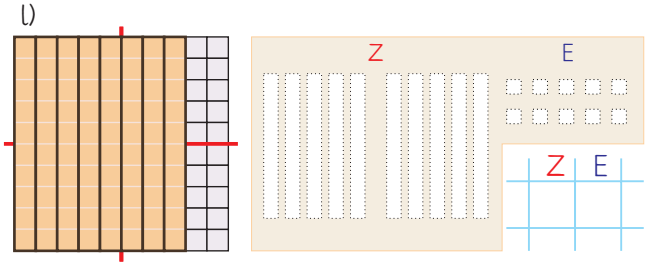
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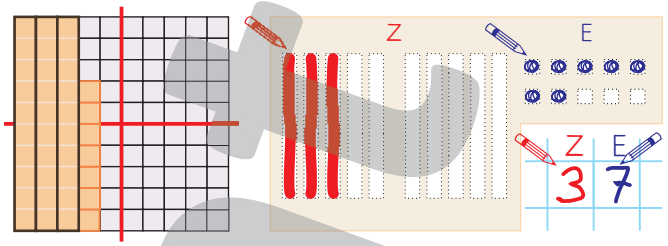
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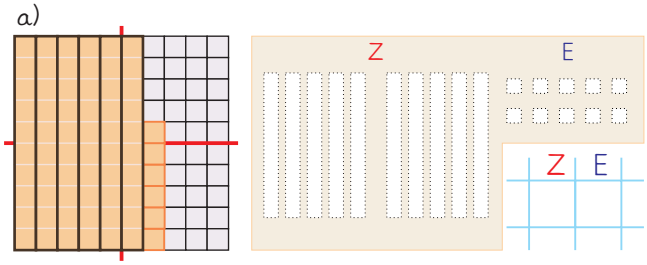
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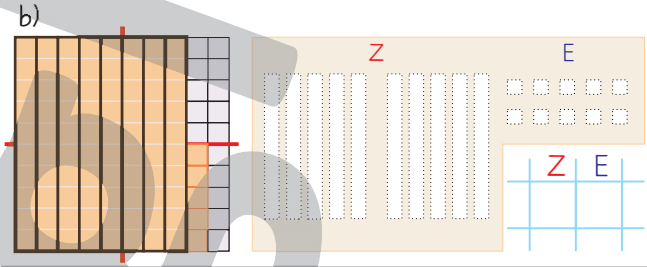
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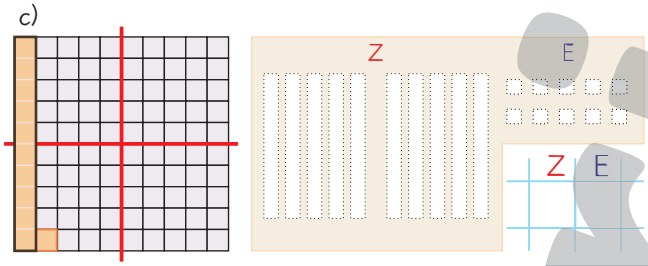
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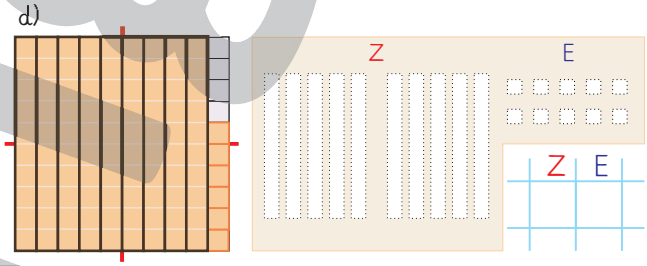
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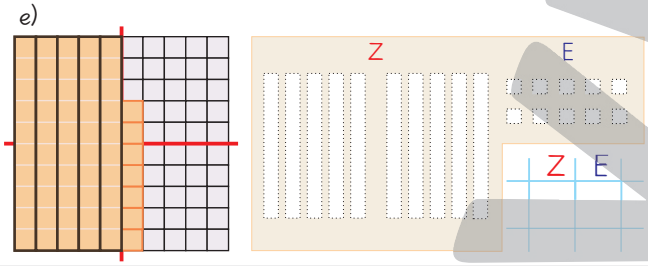
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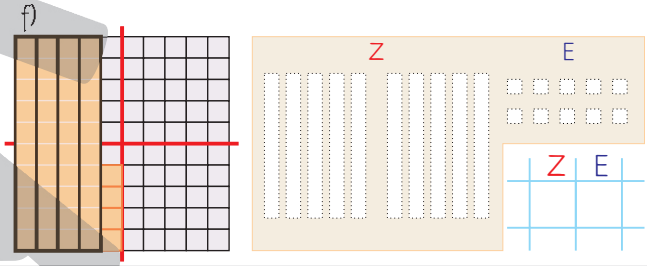
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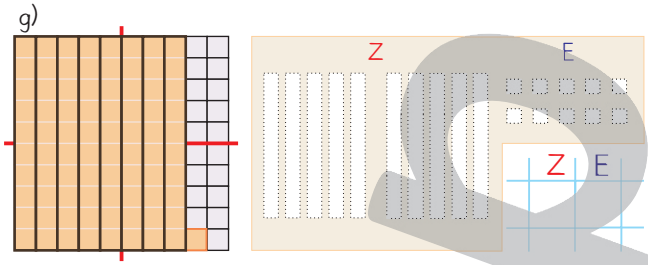
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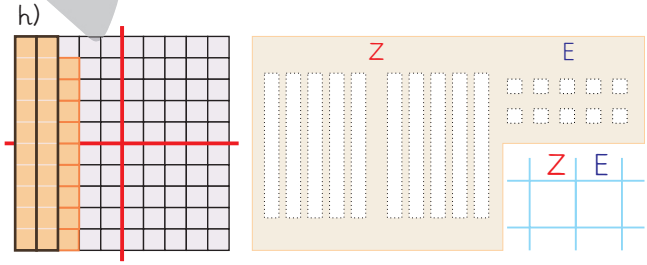
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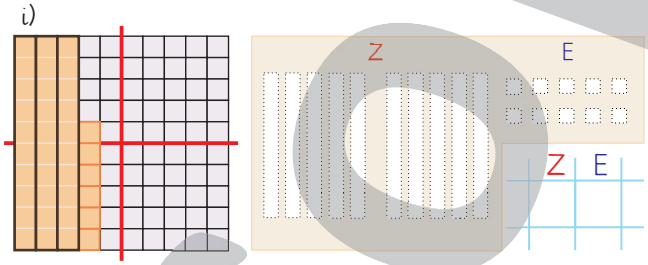
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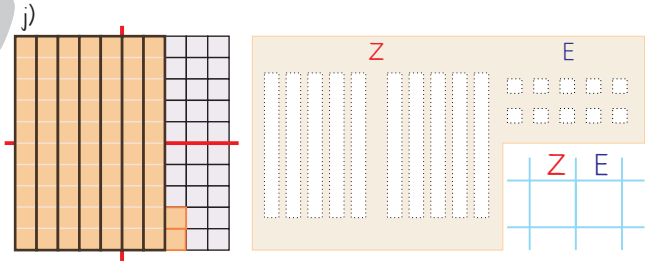
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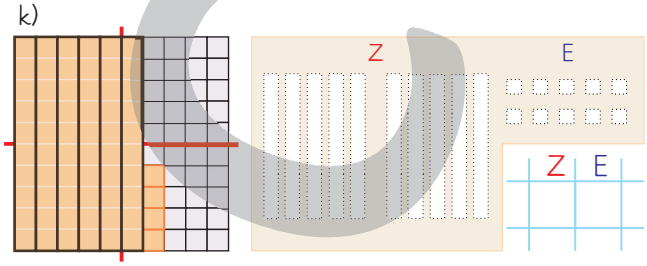
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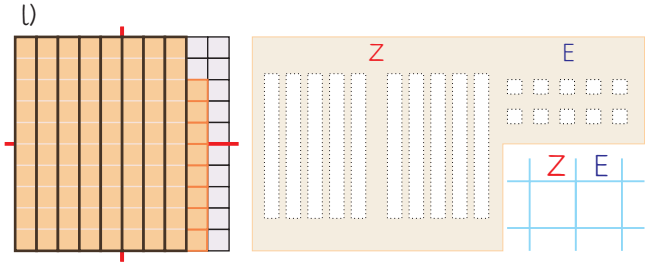
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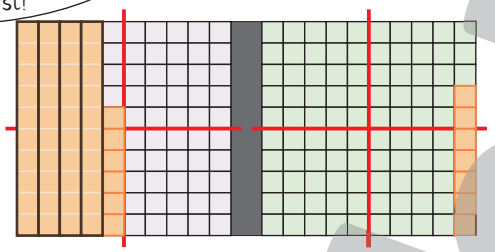
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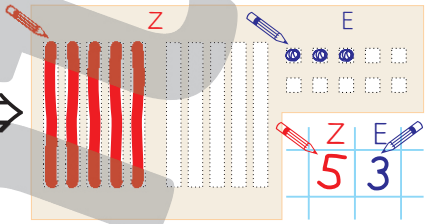
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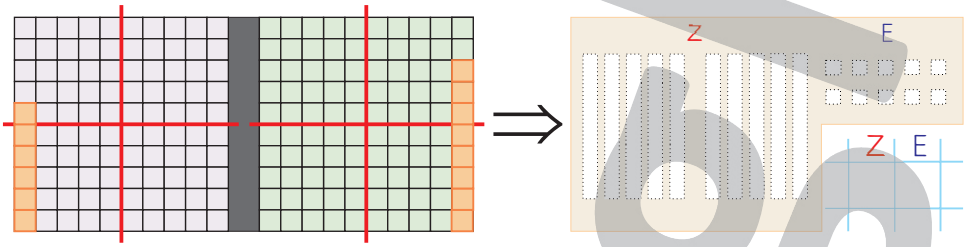




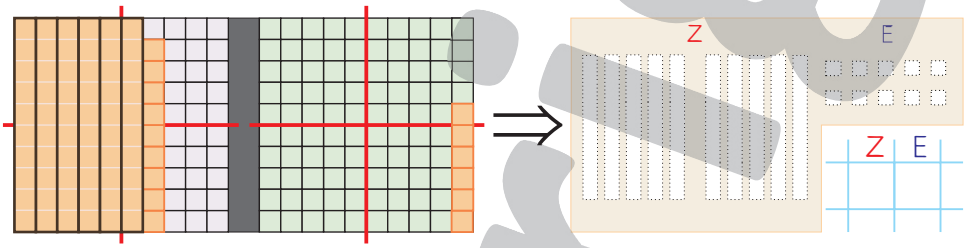
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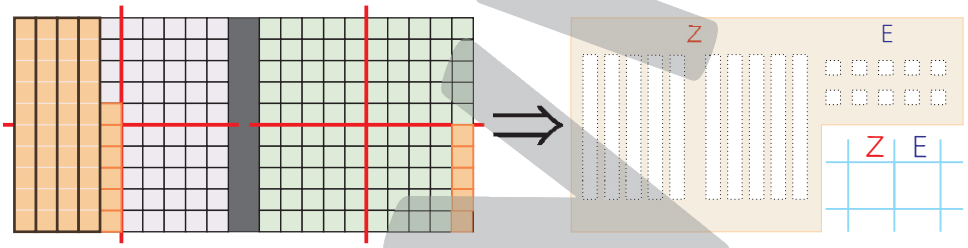
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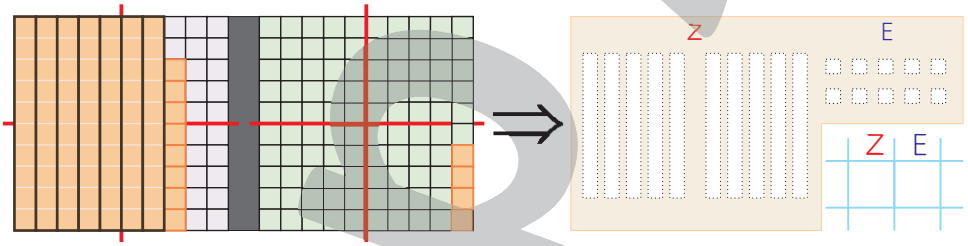
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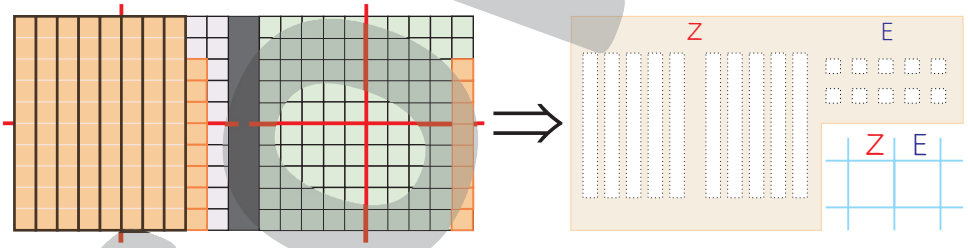
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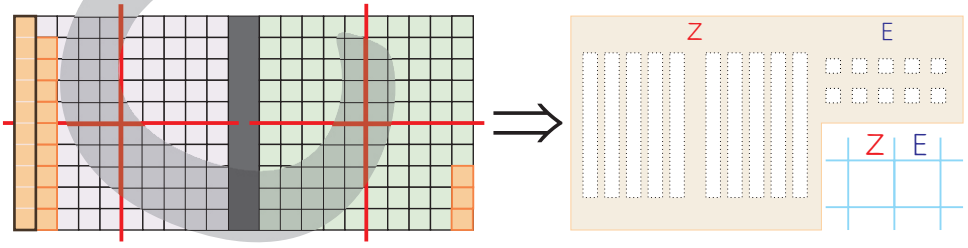
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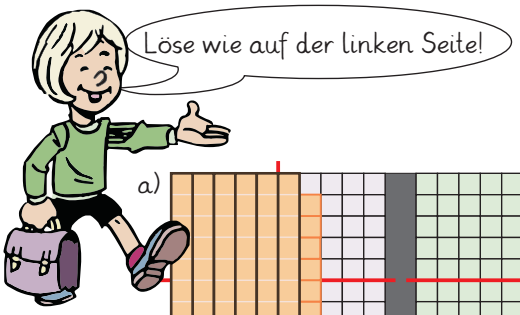


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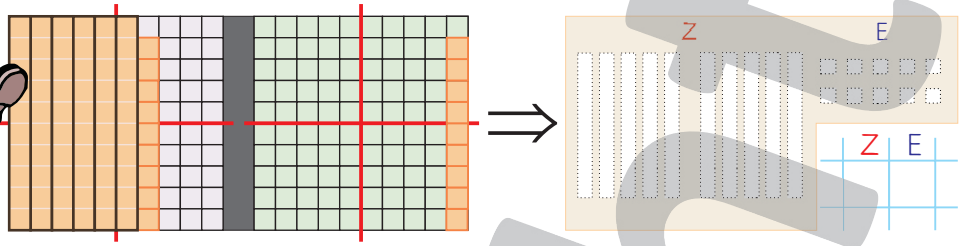


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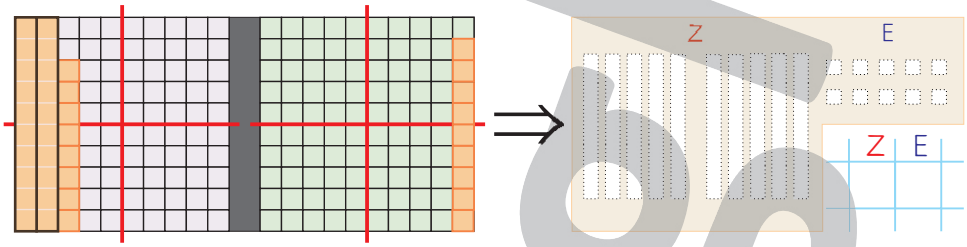



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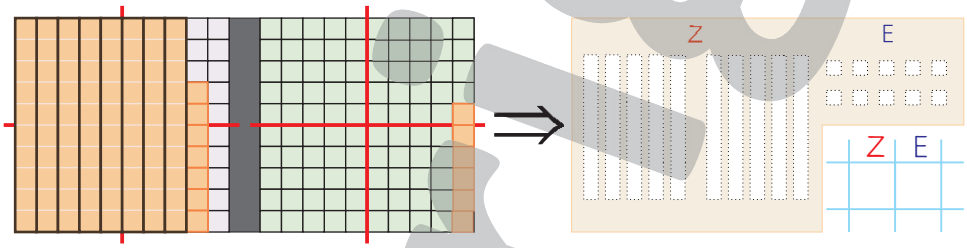
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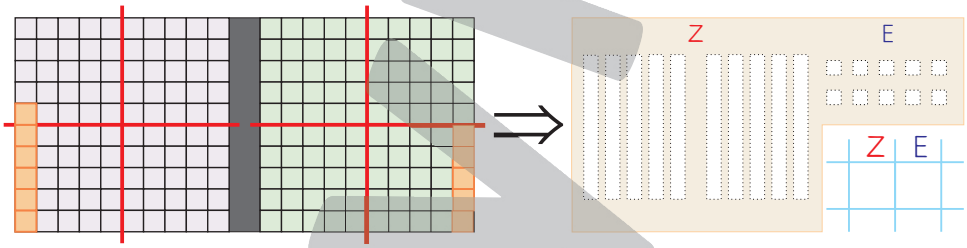
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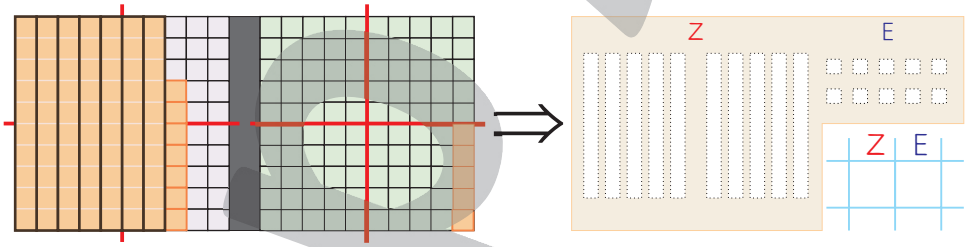
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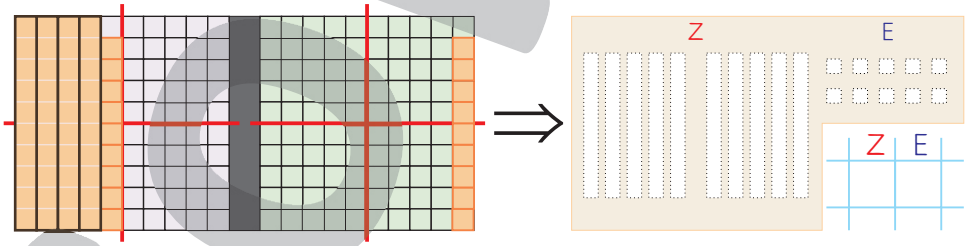
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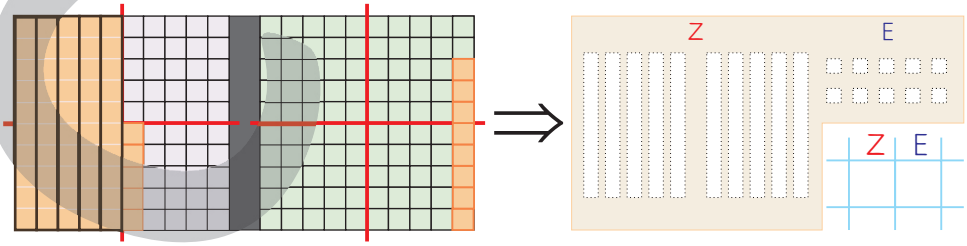
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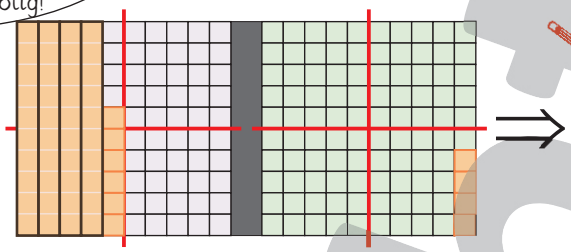

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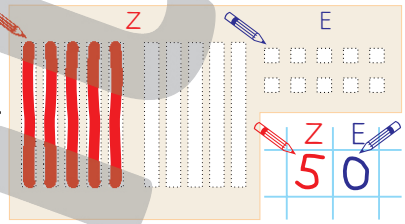

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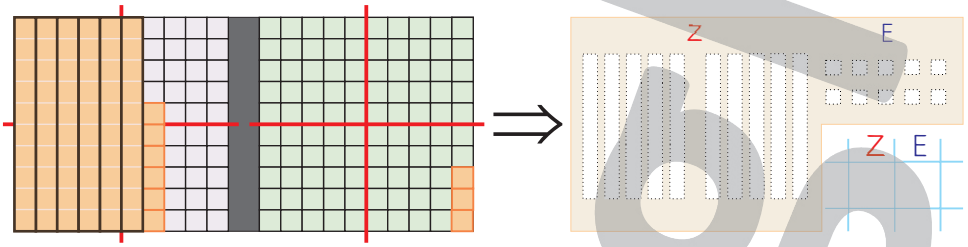




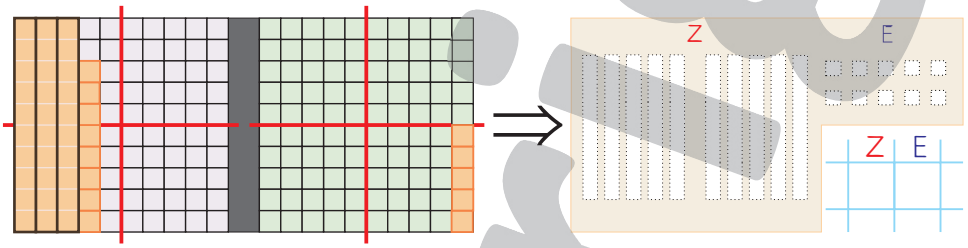
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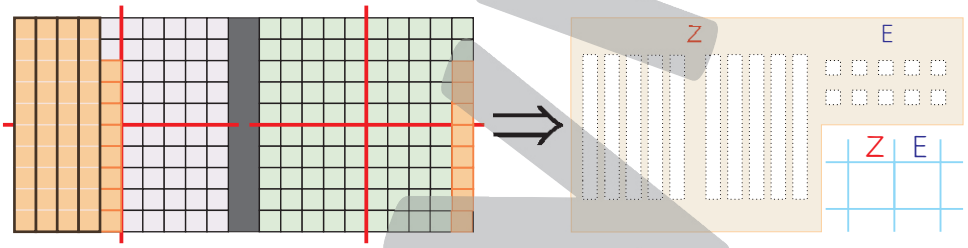
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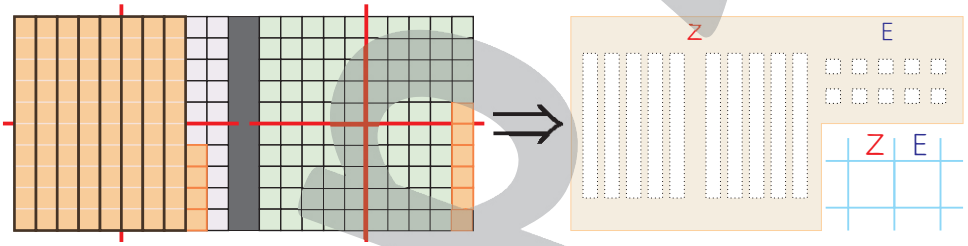
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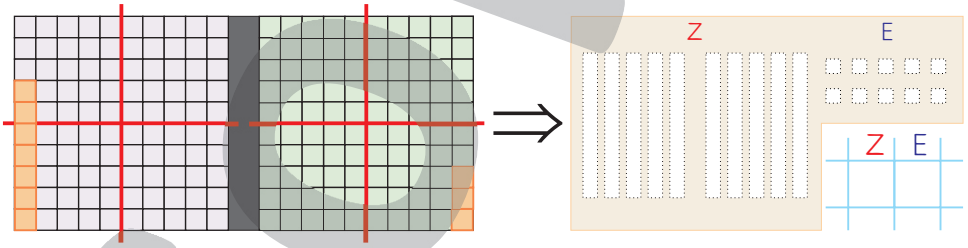
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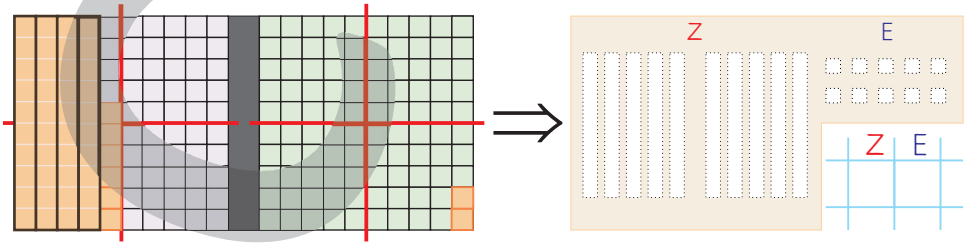
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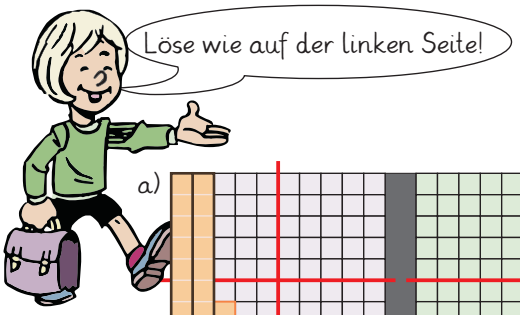


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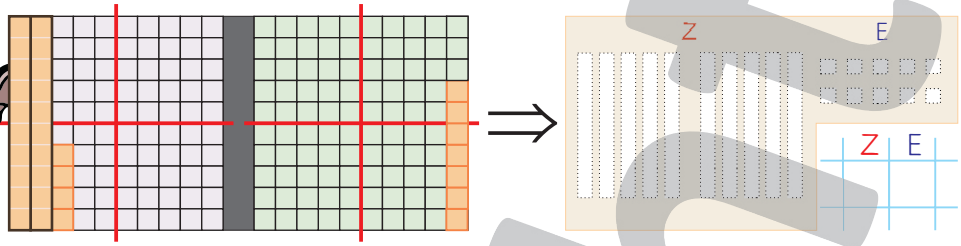


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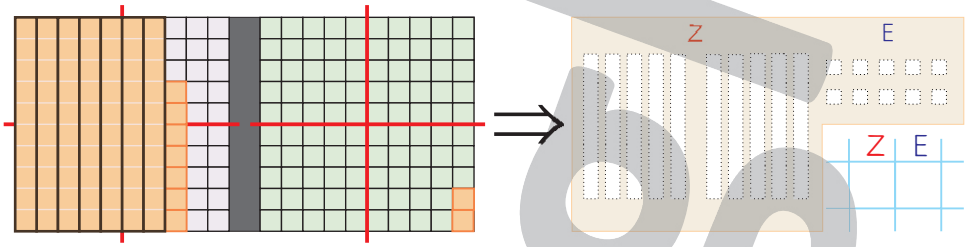



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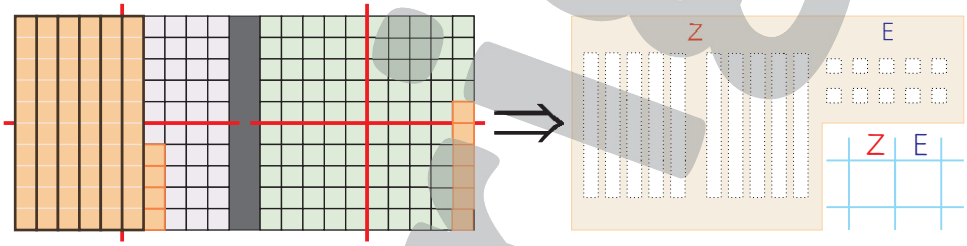
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Z E

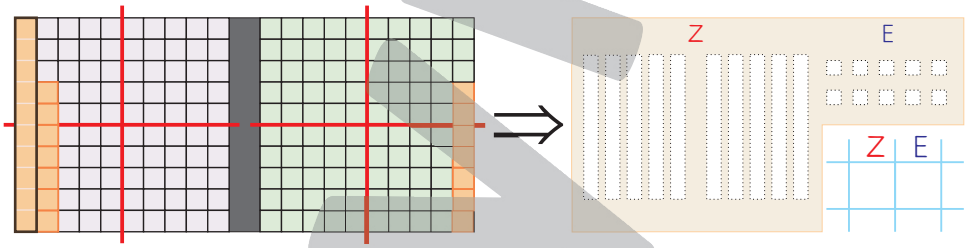
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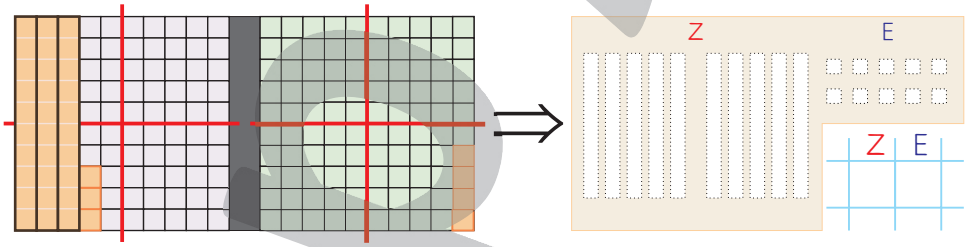
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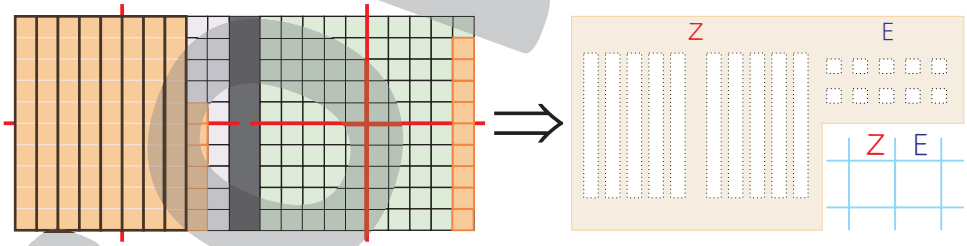
d)


Z E
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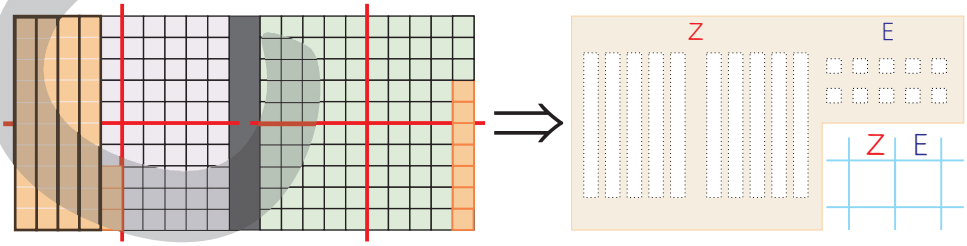
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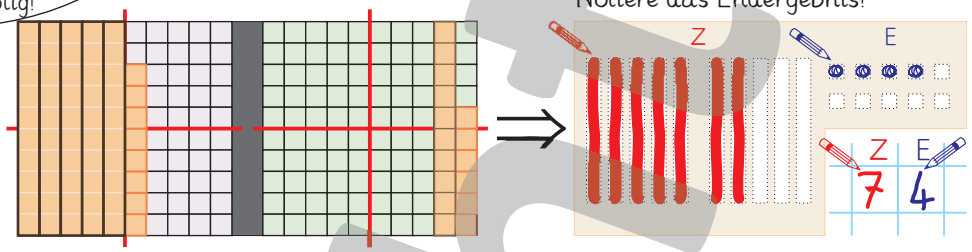

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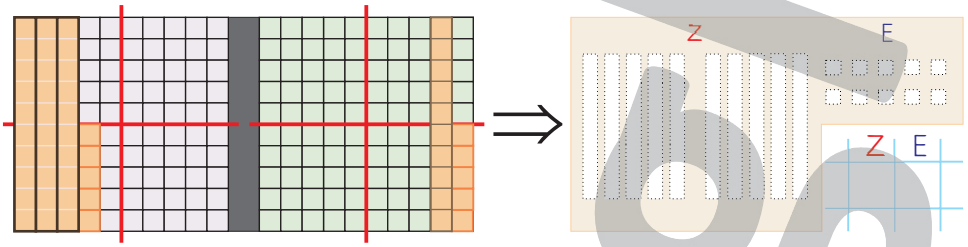

Z E
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Beispiel

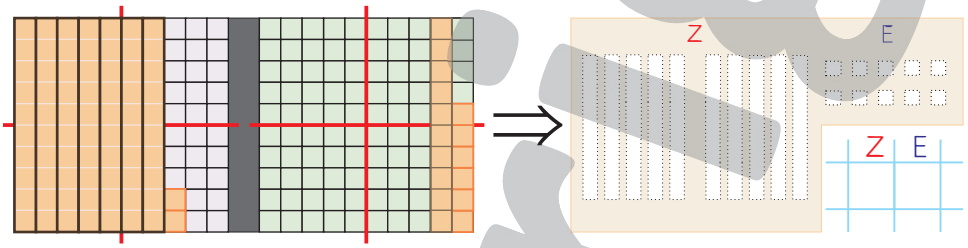




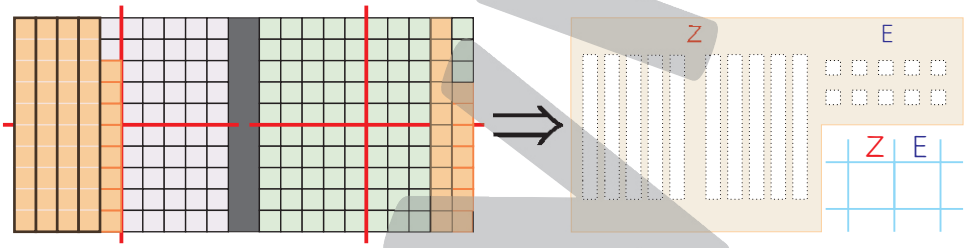
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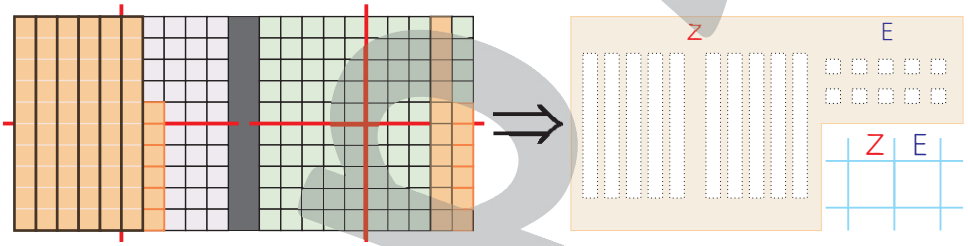
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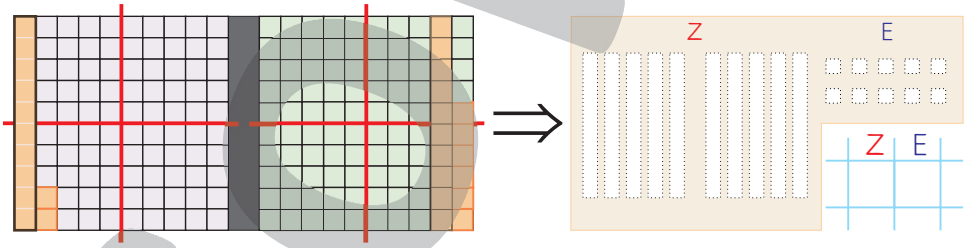
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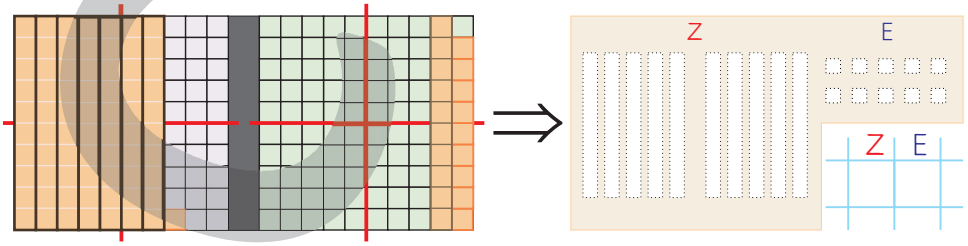
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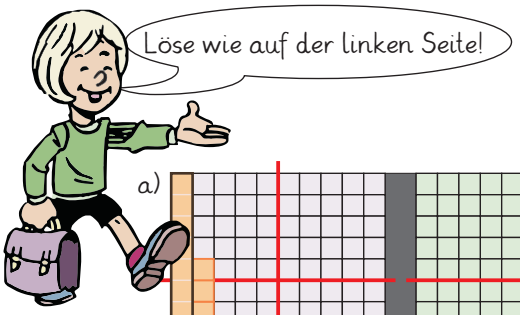


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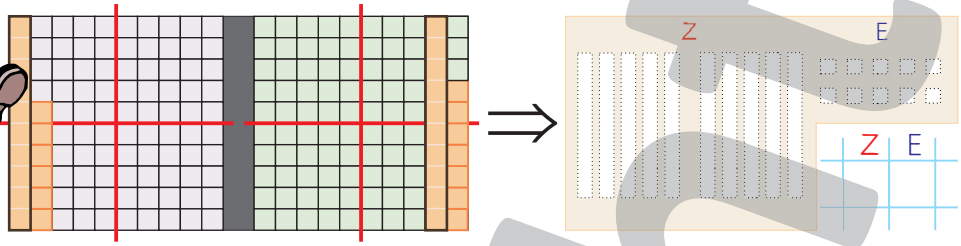


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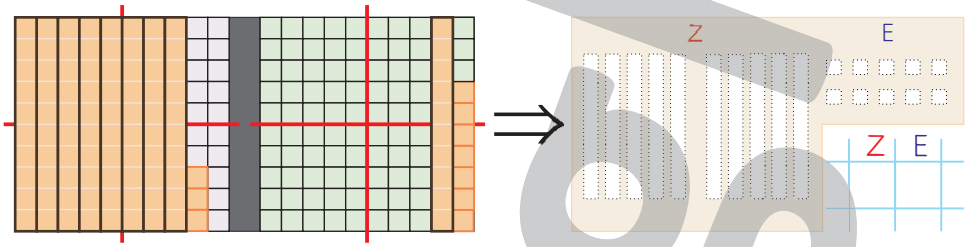



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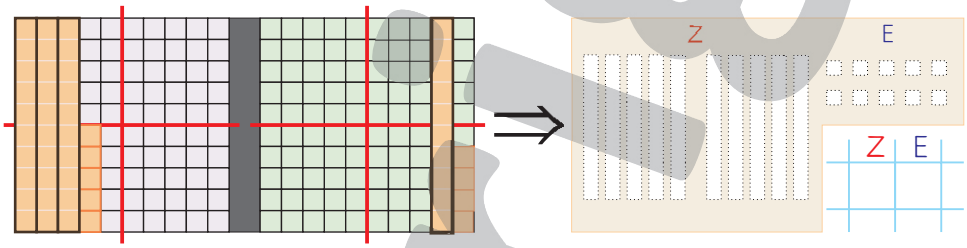
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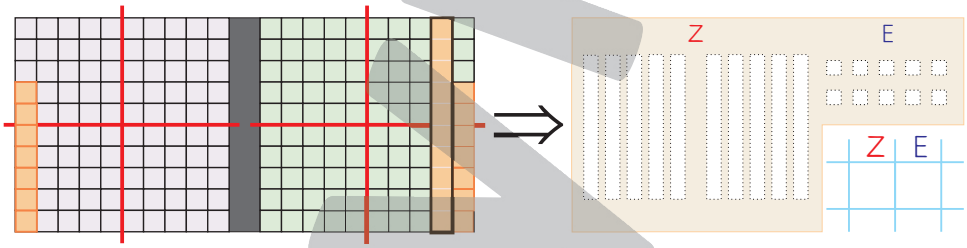
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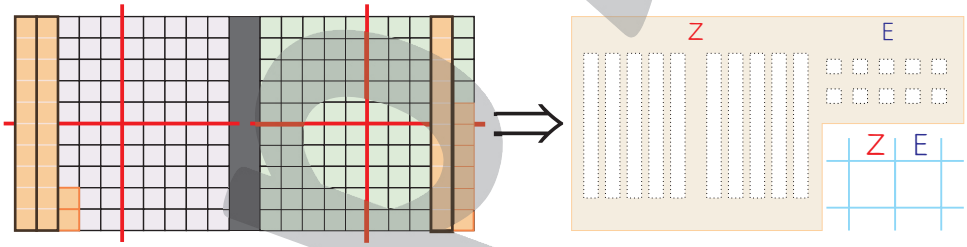
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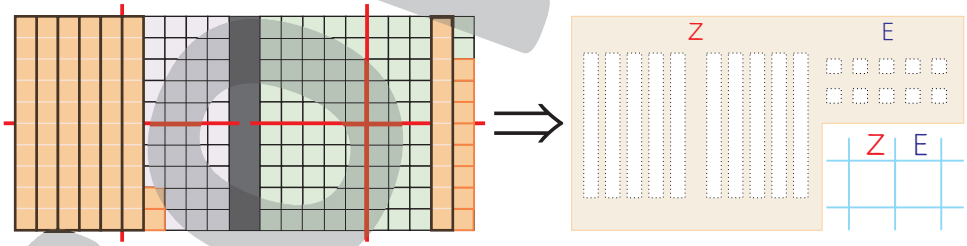
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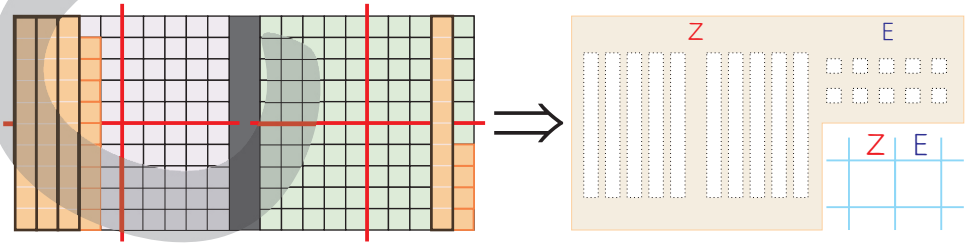
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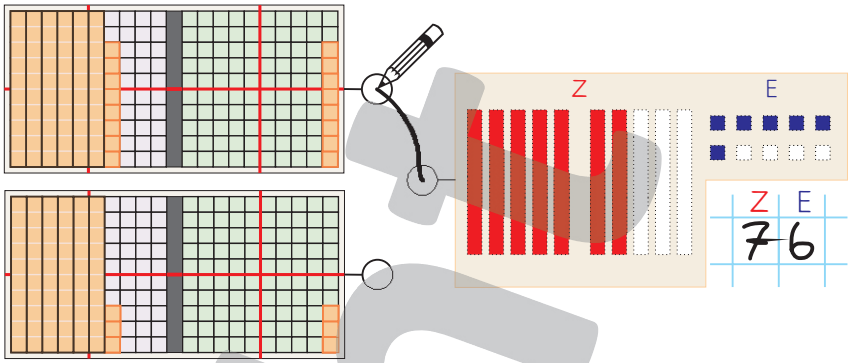

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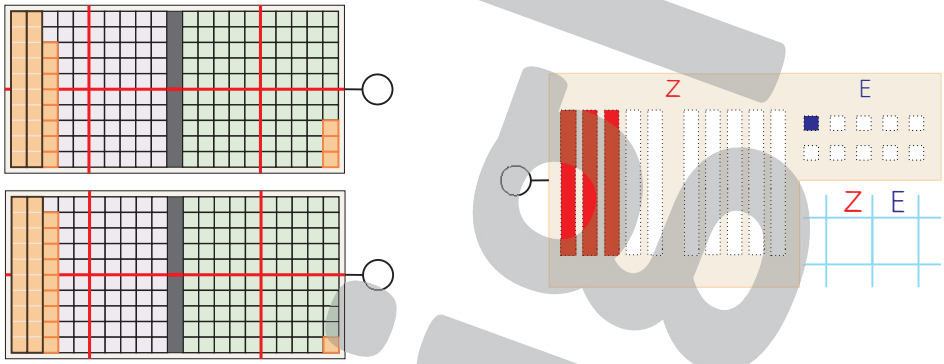
Beispiel

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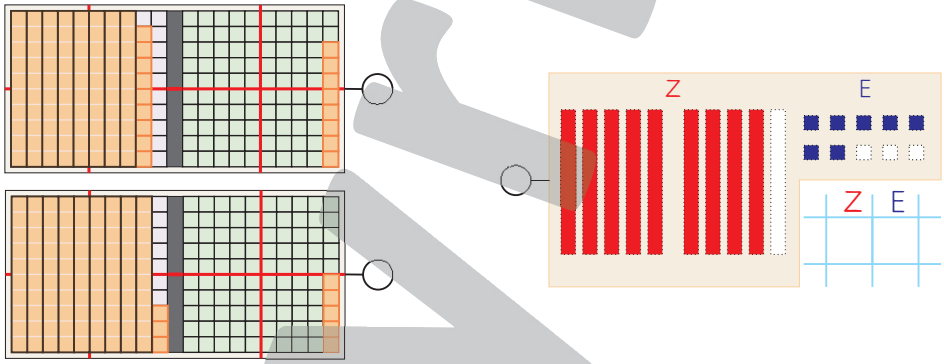
Verbinde dann!



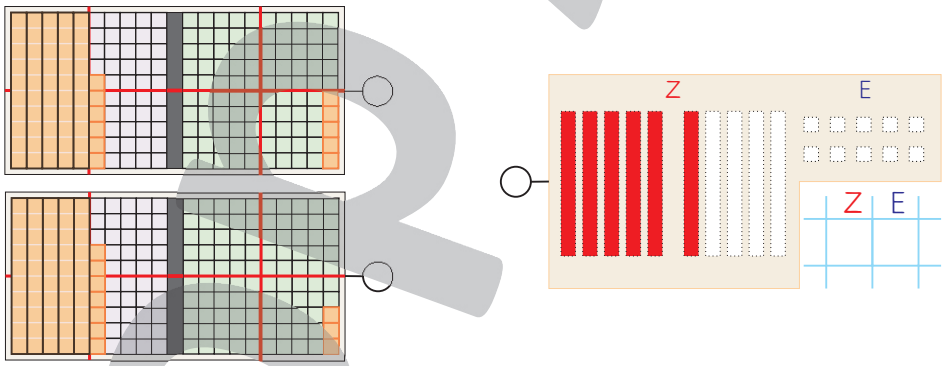
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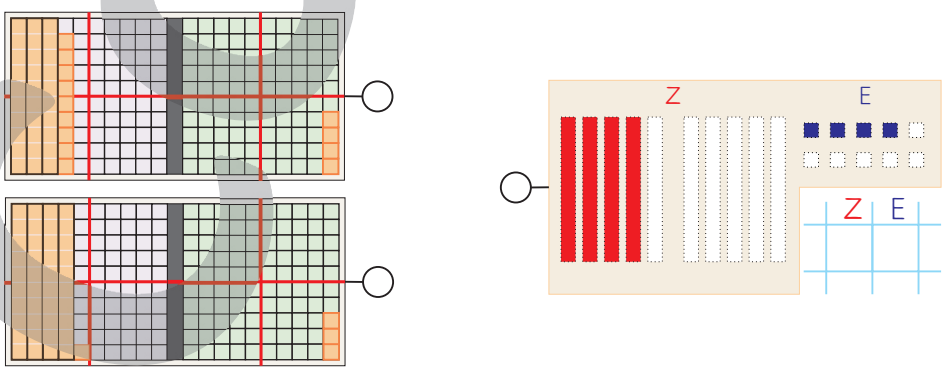
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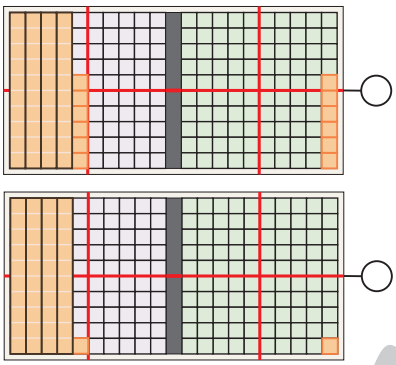
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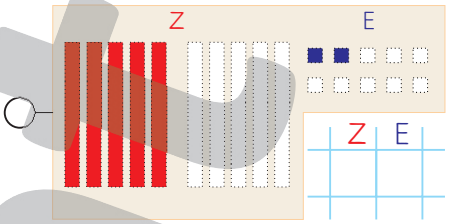


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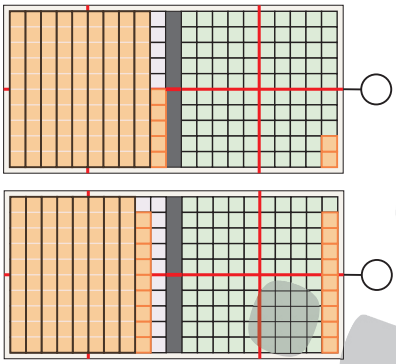


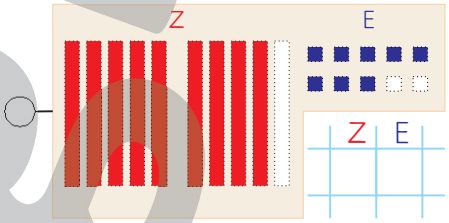
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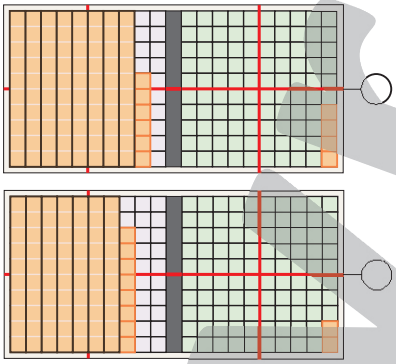


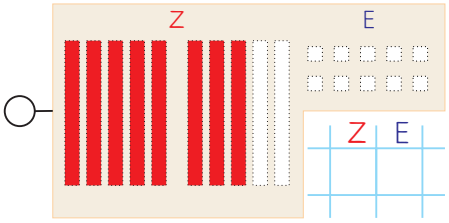
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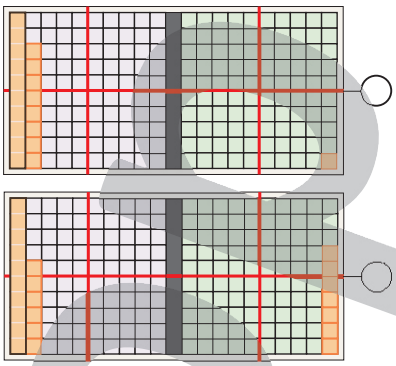


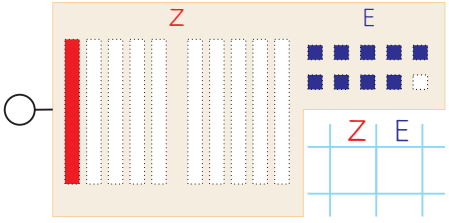
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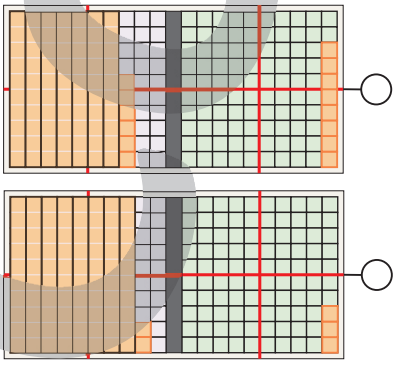


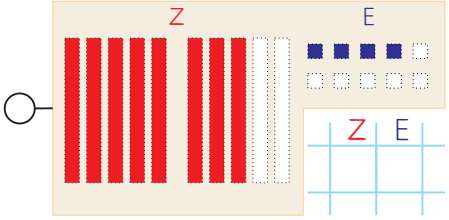
d)





e)





Copyright

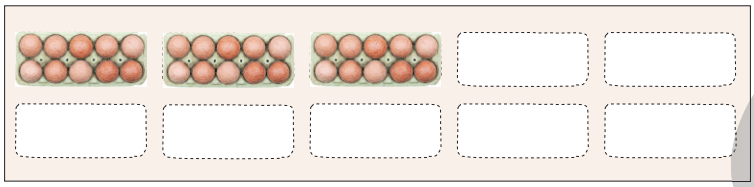


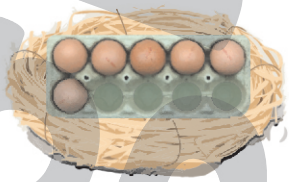




Wie viele Eier sind es insgesamt?

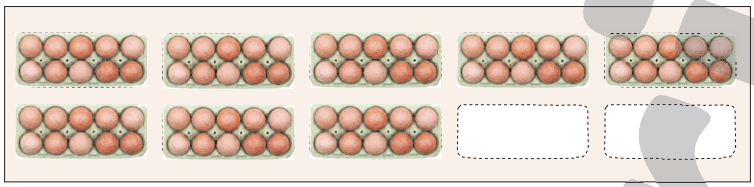
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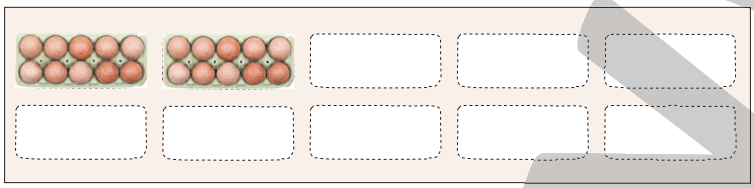
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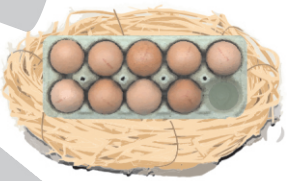




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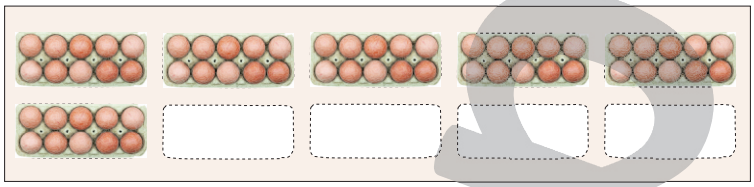
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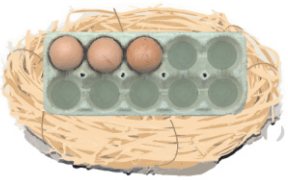




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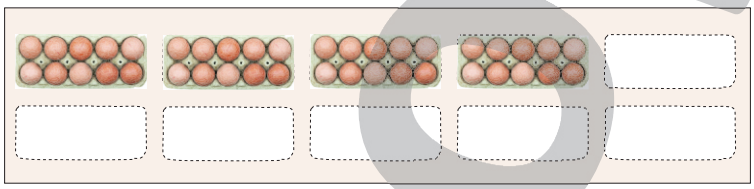
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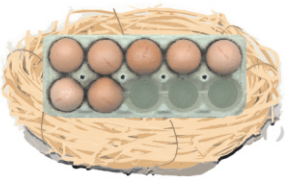




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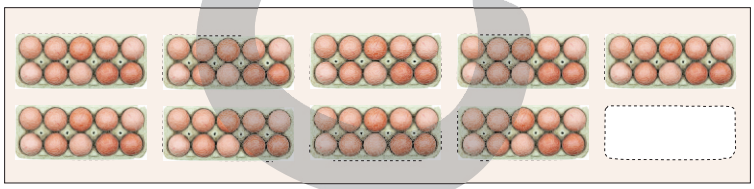
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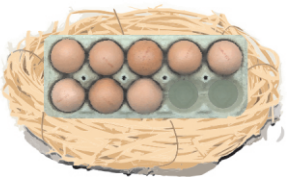




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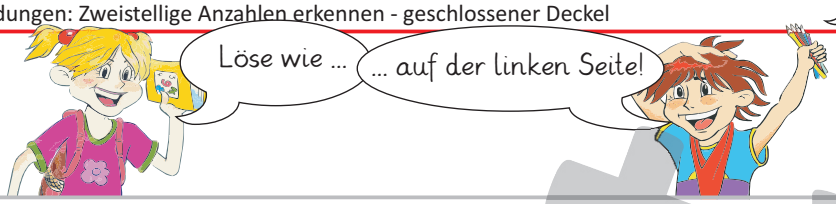
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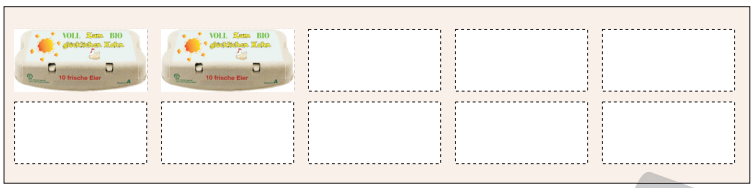


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Copyright



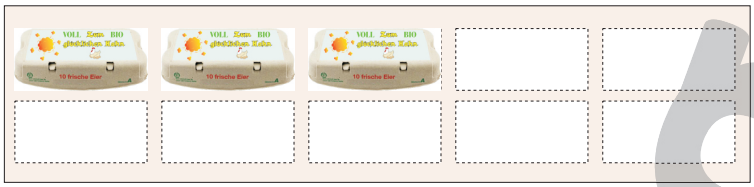
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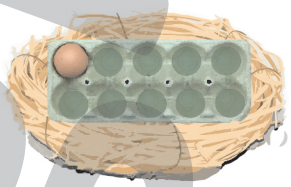




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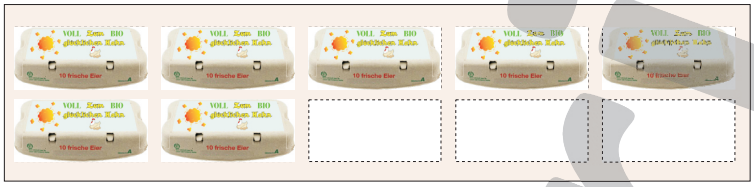
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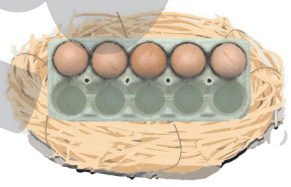




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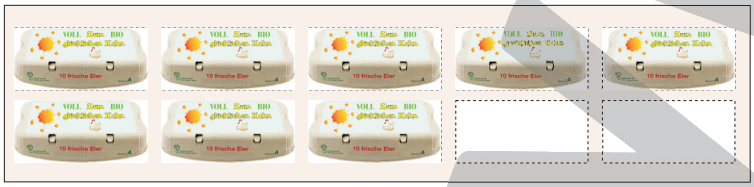
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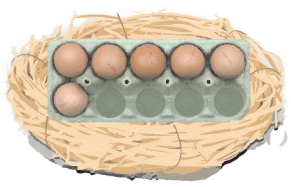




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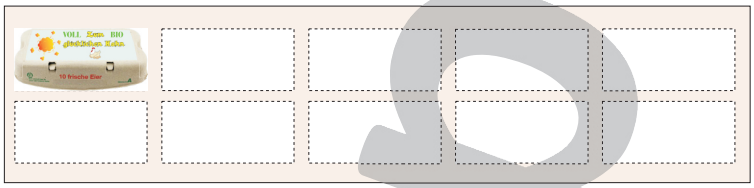
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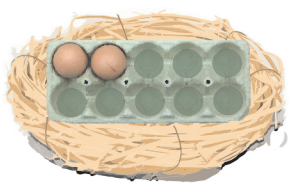




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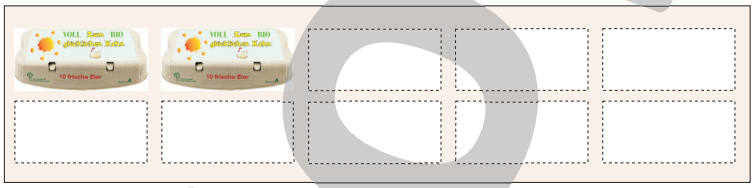
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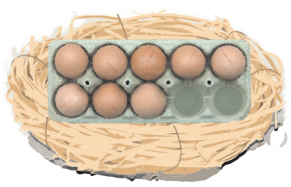




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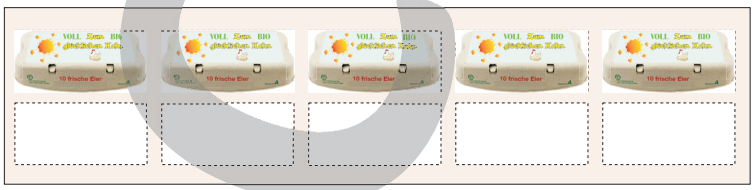
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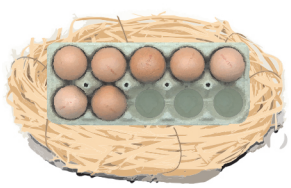




Z	E

g)



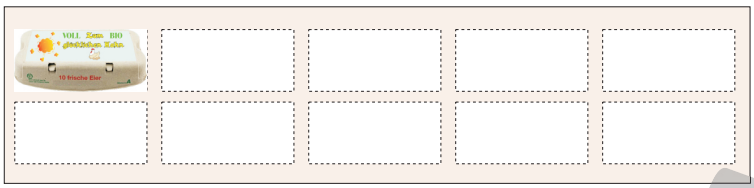


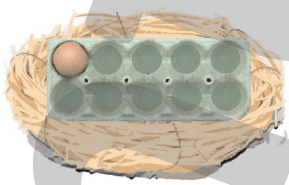
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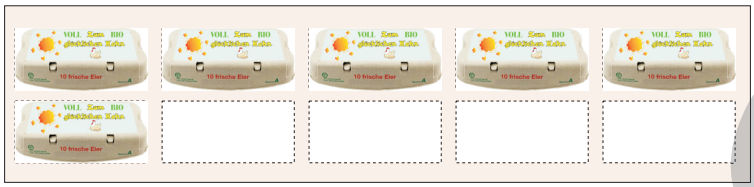
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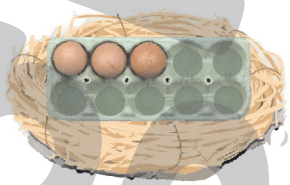




Z E

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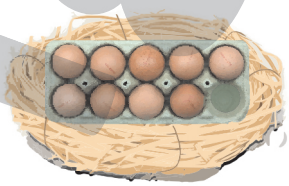




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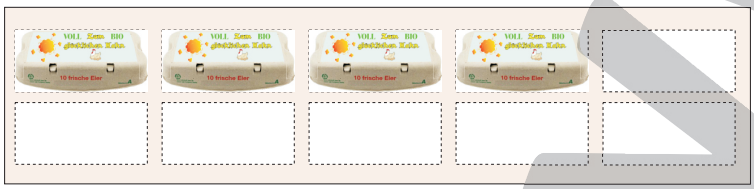
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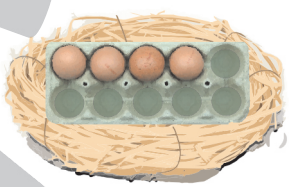




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d)

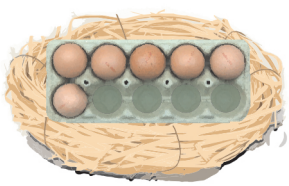




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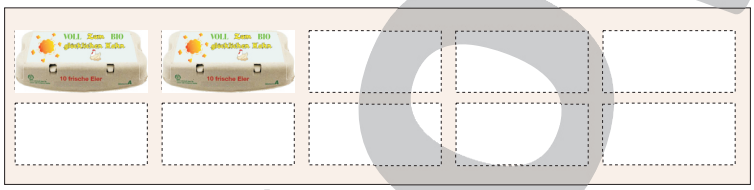
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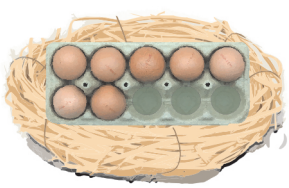




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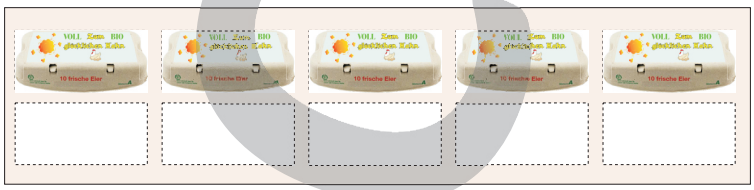
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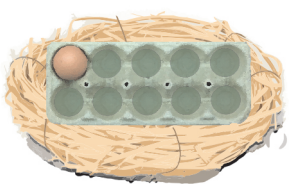




Z E

g)



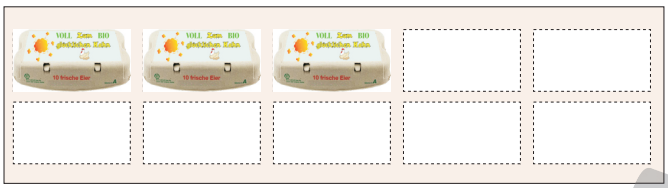


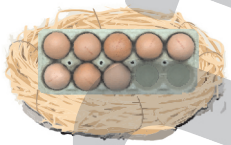
Z E

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Beispiel

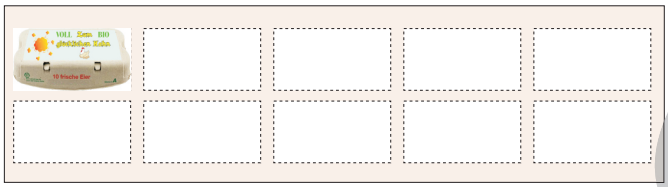
Wie viele Eier sind es? → Wie viele fehlen zum nächsten vollen Zehner?





Z	E		E		Wie viele fehlen bis ...? Z	E
3	8	→	2	→	4	0

a)

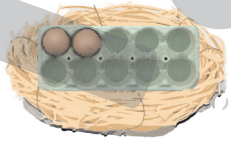




Z	E		E		Wie viele fehlen bis ...? Z	E
		→		→	2	0

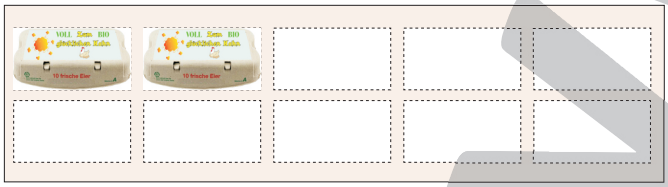
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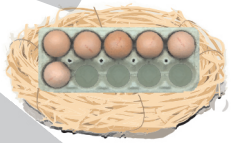




Z	E		E		Wie viele fehlen bis ...? Z	E
		→		→	9	0

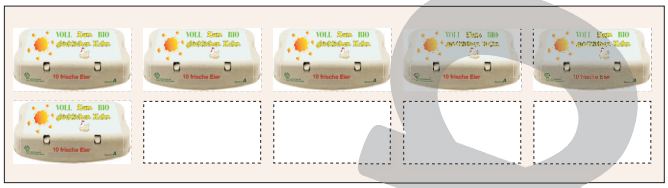
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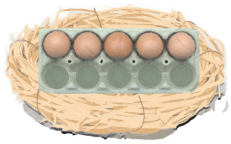




Z	E		E		Wie viele fehlen bis ...? Z	E
		→		→	3	0

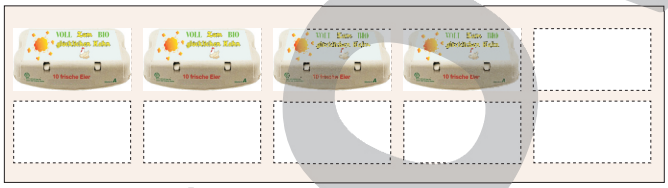
d)

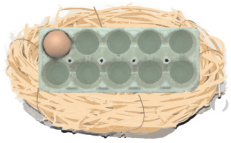




Z	E		E		Wie viele fehlen bis ...? Z	E
		→		→	7	0

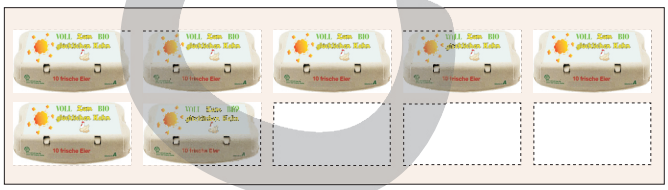
e)

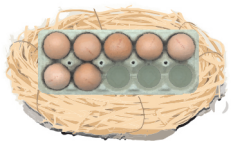




Z	E		E		Wie viele fehlen bis ...? Z	E
		→		→	5	0

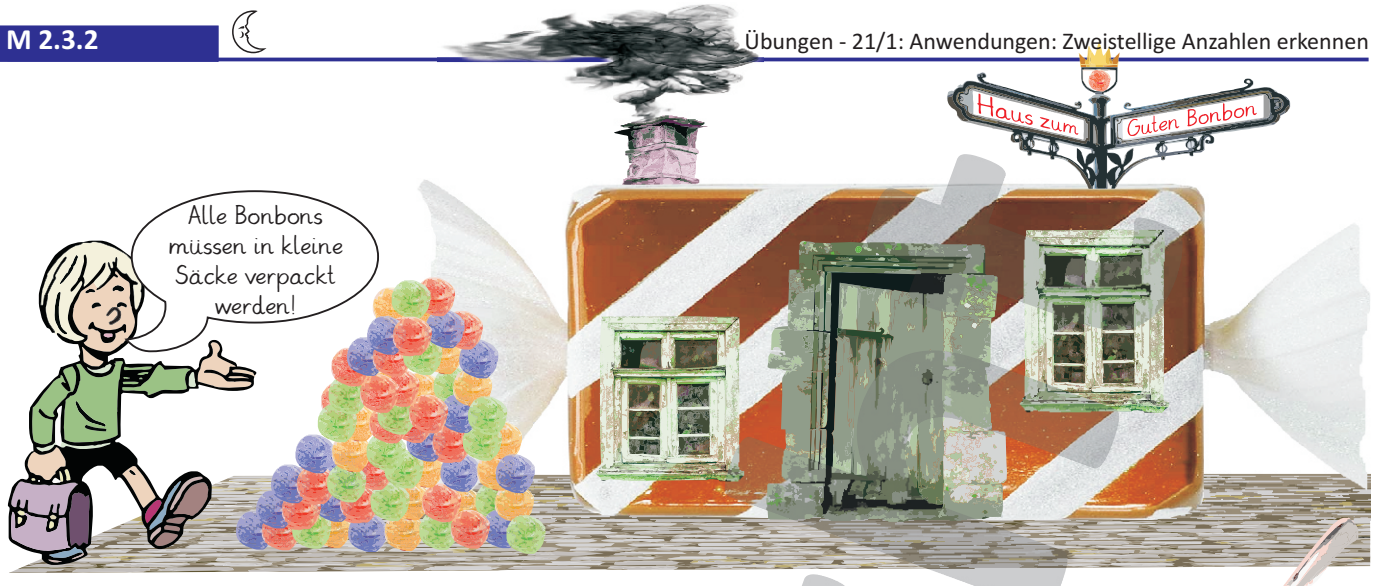
f)





Z	E		E		Wie viele fehlen bis ...? Z	E
		→		→	8	0

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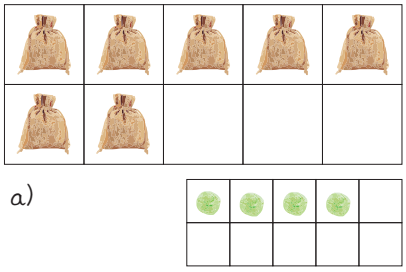


Der ganze Haufen muss in kleine Säckchen verpackt werden.
In jedes Säckchen passen genau 10 Bonbons.

Einige Säckchen sind schon voll. Daneben liegen noch ein paar Einzelne.

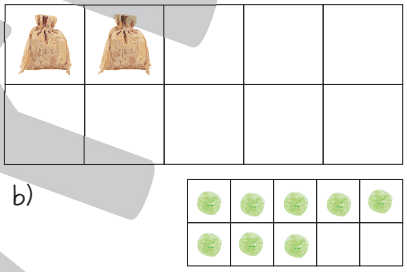
Wie viele Säckchen und Bonbons sind es? Schreibe es in die Tabelle.





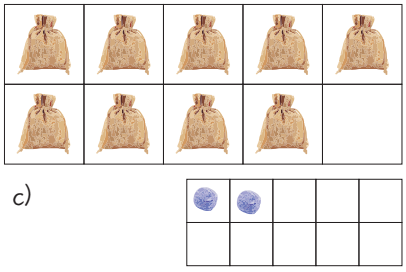
a)

Z	E



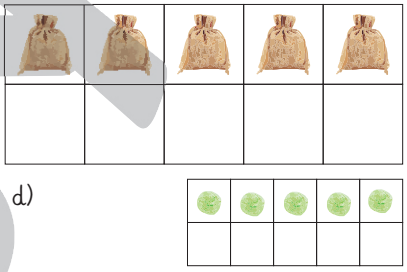
b)

Z	E



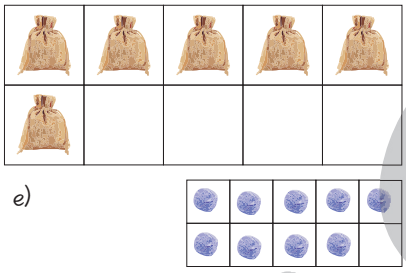
c)

Z	E



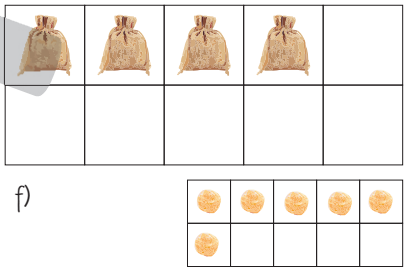
d)

Z	E



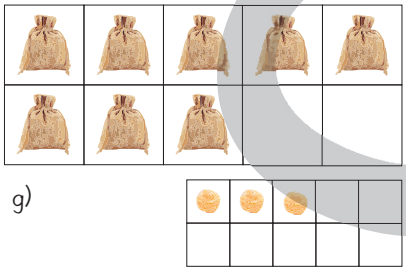
e)

Z	E



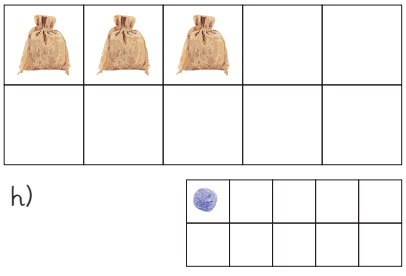
f)

Z	E



g)

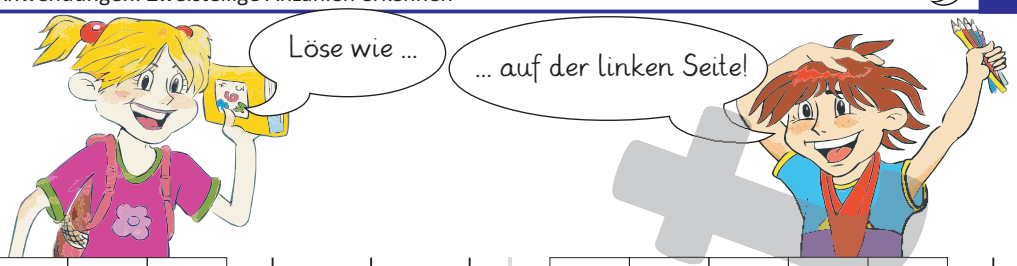
Z	E



h)

Z	E

copyright



a)

Z	E

b)

Z	E

c)

Z	E

d)

Z	E

e)

Z	E

f)

Z	E

g)

Z	E

h)

Z	E

i)

Z	E

j)

Z	E

k)

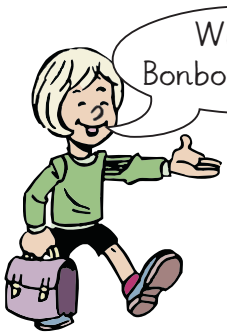
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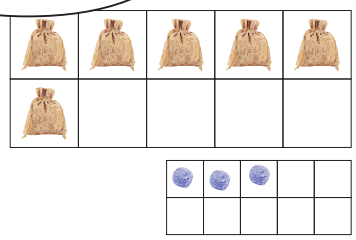
l)

Z	E

copyright

Beispiel





Z	E
6	3

Wie viele fehlen bis das Säckchen voll ist?

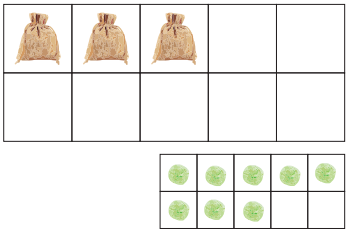
E
7

Wie viele sind es dann?

Z	E
7	0

a)

Wie viele Bonbons sind es?



Z	E

Wie viele fehlen bis das Säckchen voll ist?

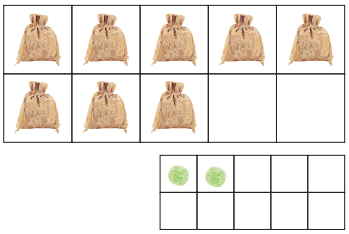
E

Wie viele sind es dann?

Z	E

b)

Wie viele Bonbons sind es?



Z	E

Wie viele fehlen bis das Säckchen voll ist?

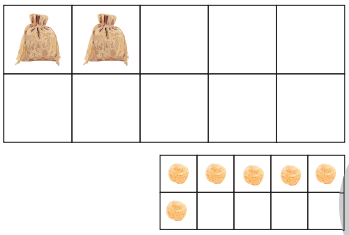
E

Wie viele sind es dann?

Z	E

c)

Wie viele Bonbons sind es?



Z	E

Wie viele fehlen bis das Säckchen voll ist?

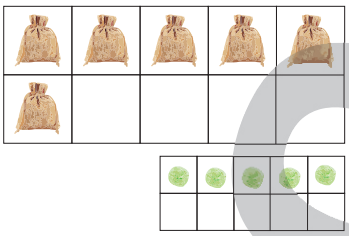
E

Wie viele sind es dann?

Z	E

d)

Wie viele Bonbons sind es?



Z	E

Wie viele fehlen bis das Säckchen voll ist?

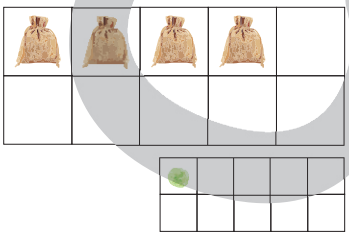
E

Wie viele sind es dann?

Z	E

e)

Wie viele Bonbons sind es?



Z	E

Wie viele fehlen bis das Säckchen voll ist?

E

Wie viele sind es dann?

Z	E

Copyright

Löse wie auf der linken Seite!

a)



b)



c)



d)



e)

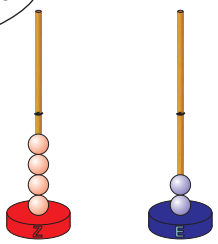


f)



Copyright

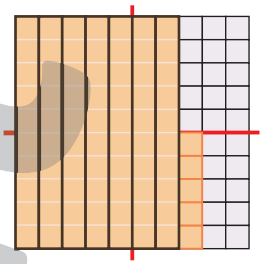




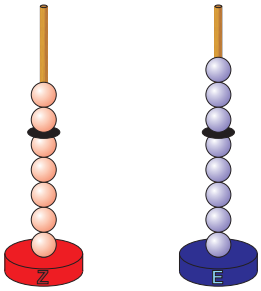
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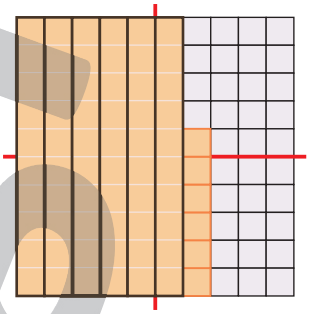
Z	E		Z	E
4	2	<	7	5



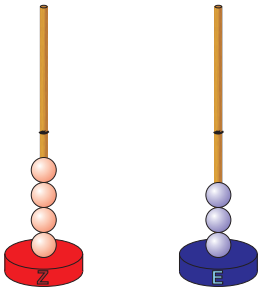
a)



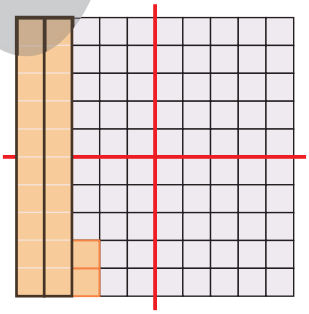
Z E ☐ Z E



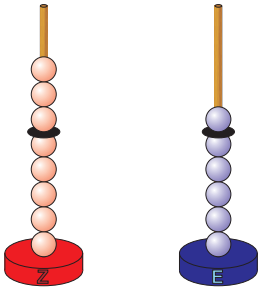
b)



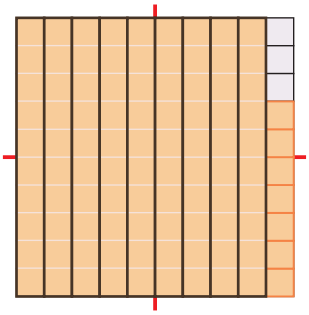
Z E ☐ Z E



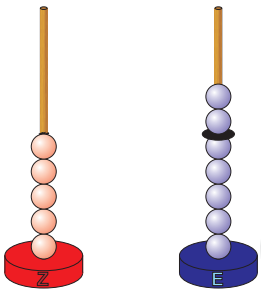
c)



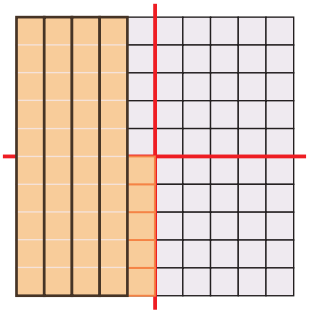
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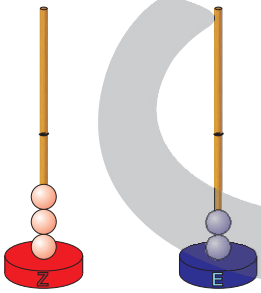
d)



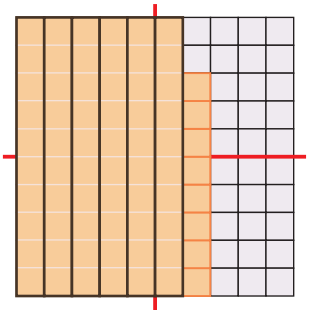
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e)



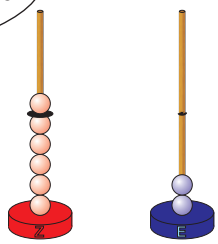
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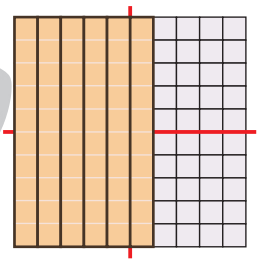
Beispiel



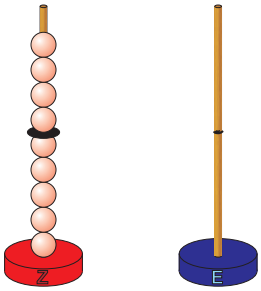
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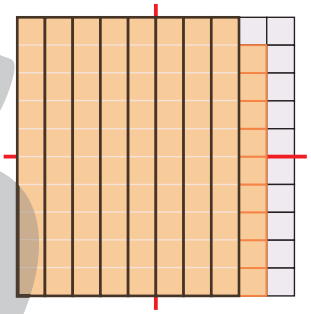
Z	E		Z	E
6	2	>	6	0



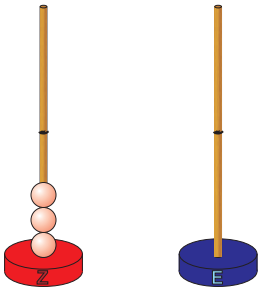
a)



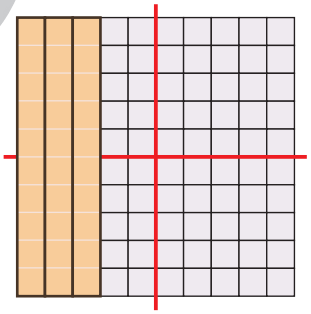
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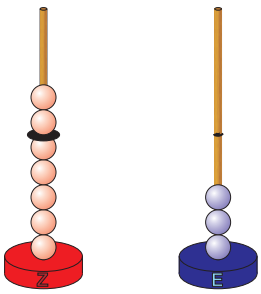
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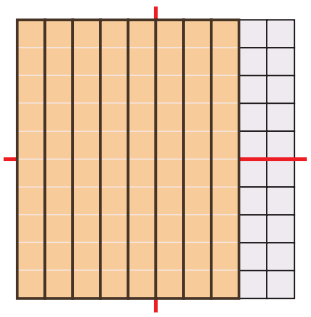
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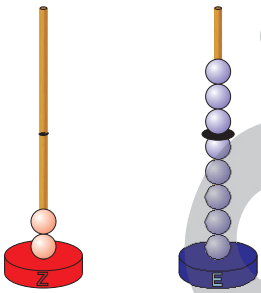
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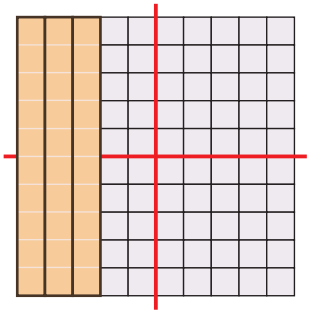
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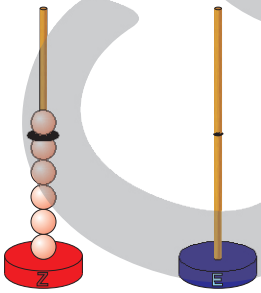
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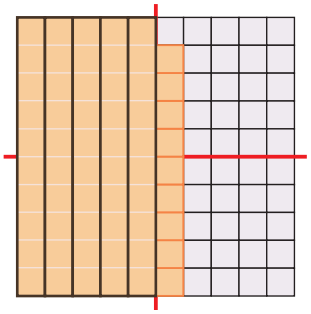
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e)



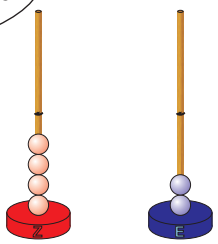
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copyright



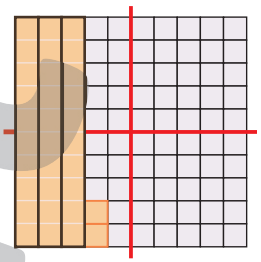
Beispiel



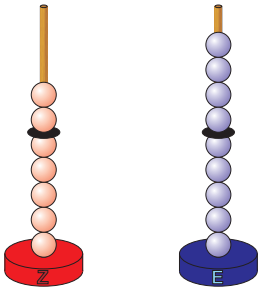
Lese laut vor!

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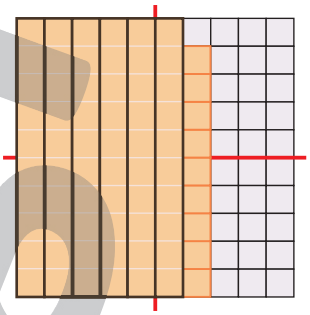
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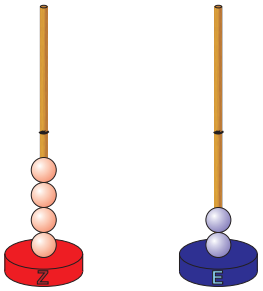
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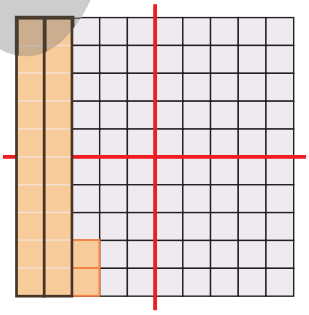
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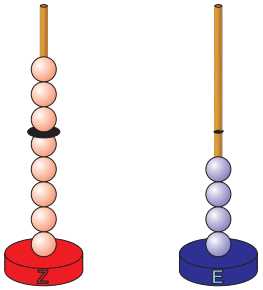
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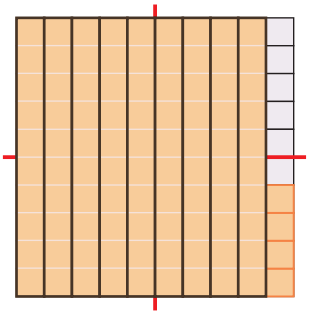
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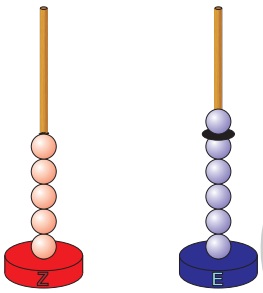
c)



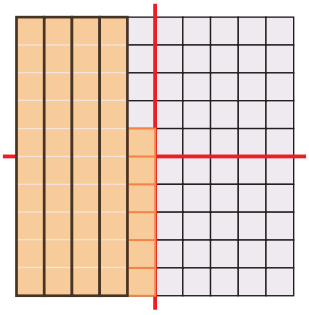
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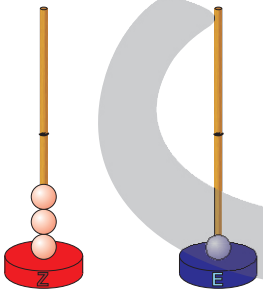
d)



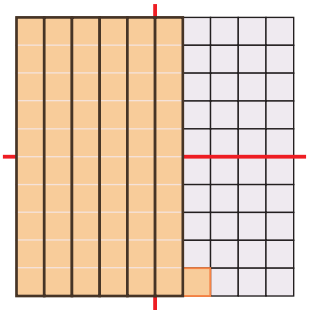
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e)



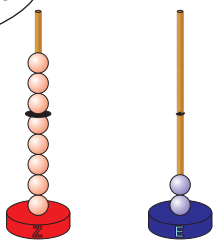
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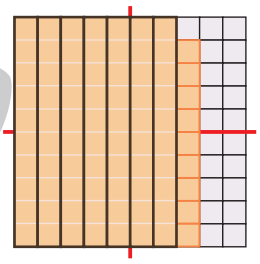
Beispiel



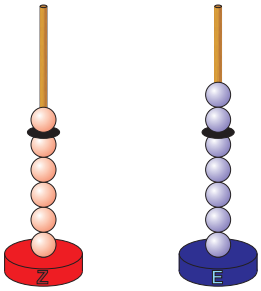
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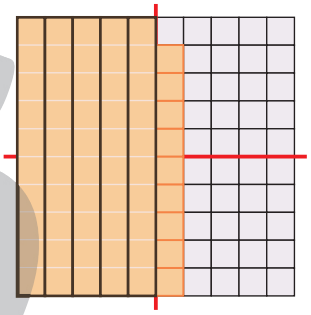
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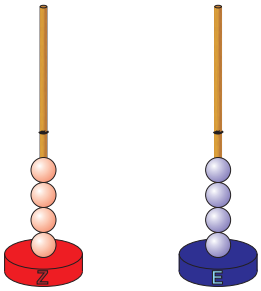
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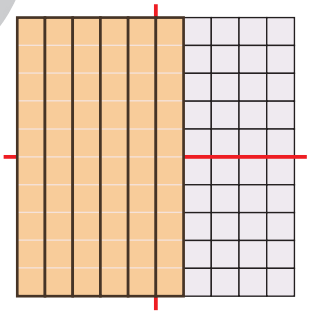
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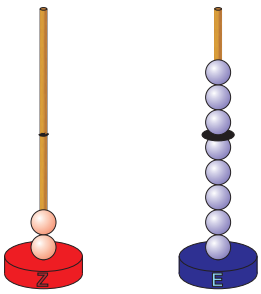
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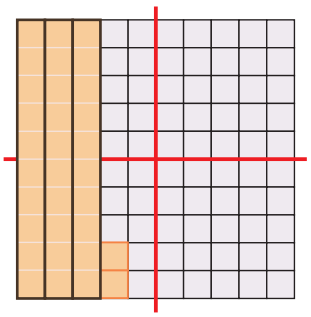
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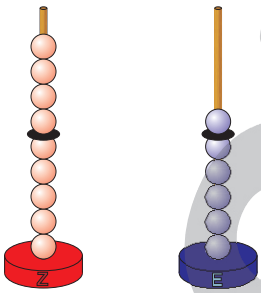
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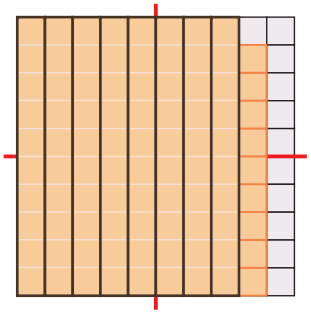
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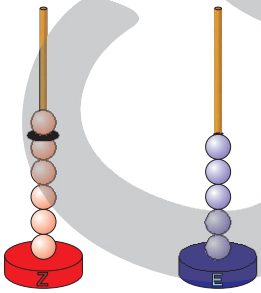
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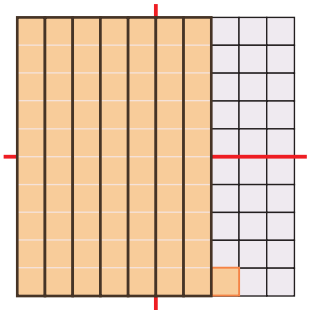
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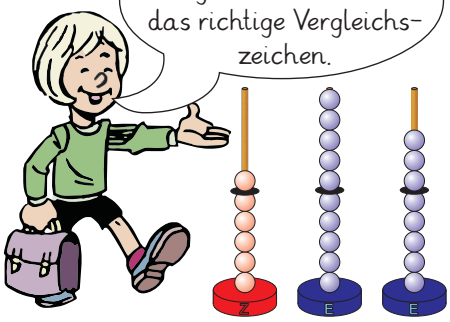
e)



Z	E		Z	E



copyright



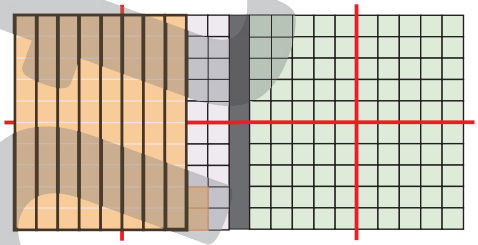
Beispiel

Tausche, wenn nötig!

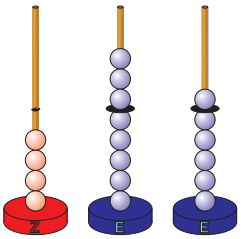
Lese laut vor!

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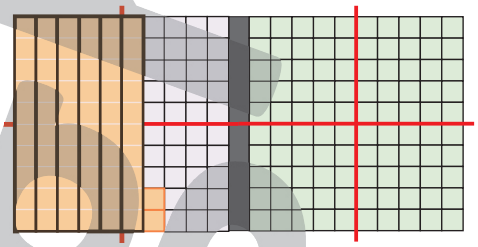
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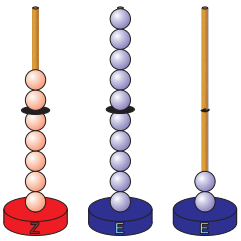
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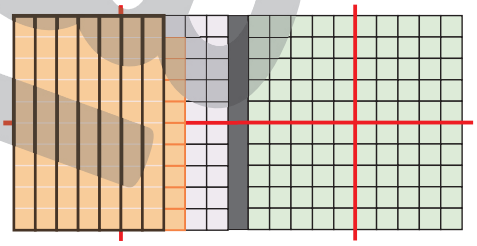
Z E ☐ Z E



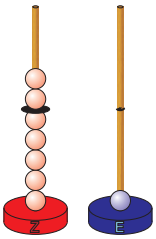
b)



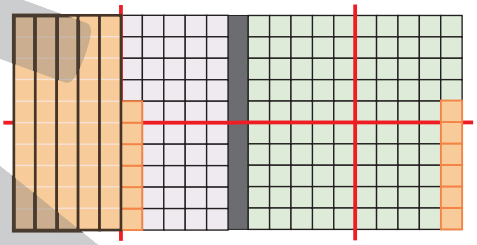
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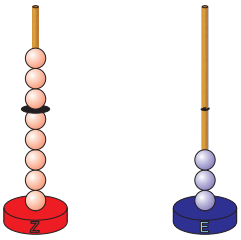
c)



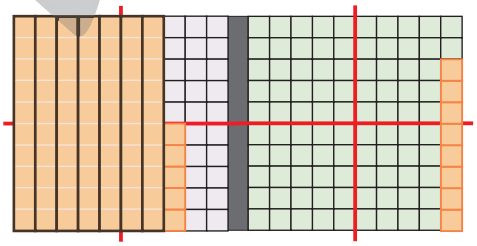
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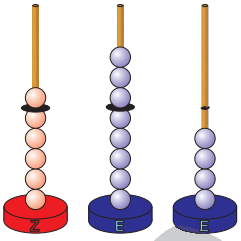
d)



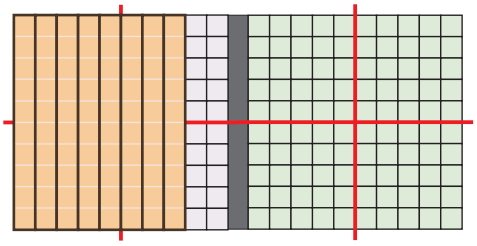
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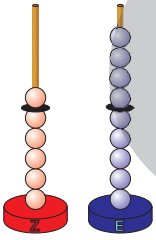
e)



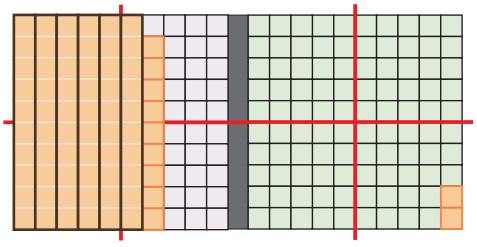
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f)



Z E ☐ Z E



copyright



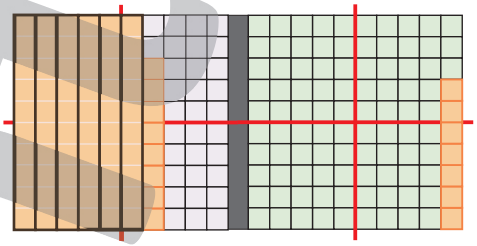
Beispiel

Tausche, wenn nötig!

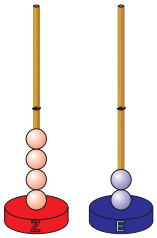
Lese laut vor!

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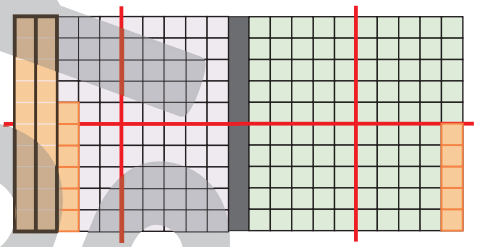
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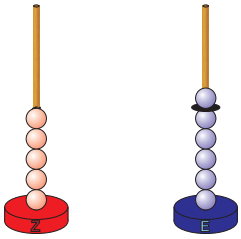
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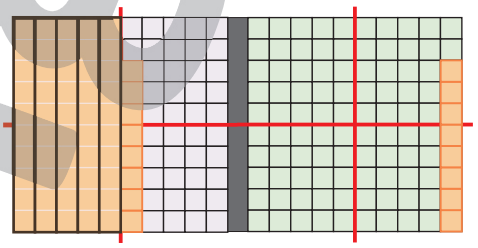
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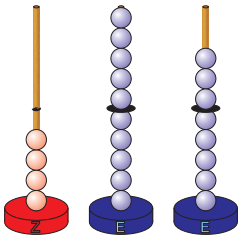
b)



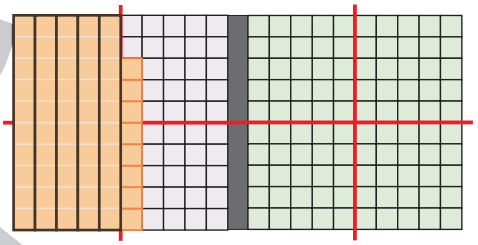
Z	E		Z	E



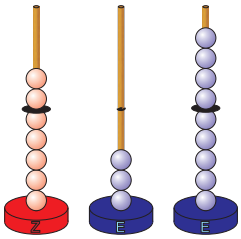
c)



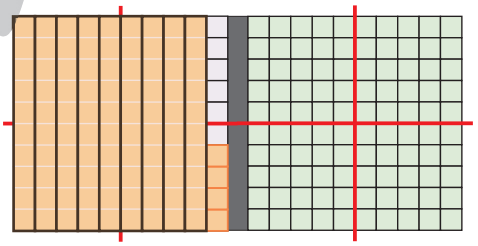
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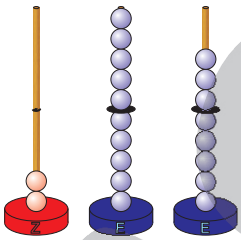
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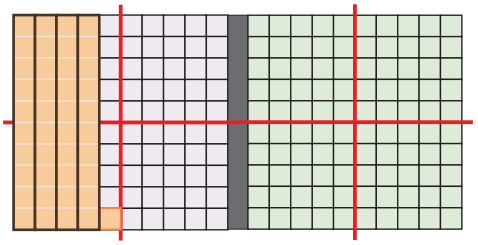
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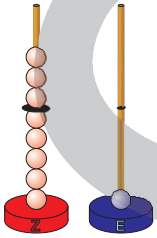
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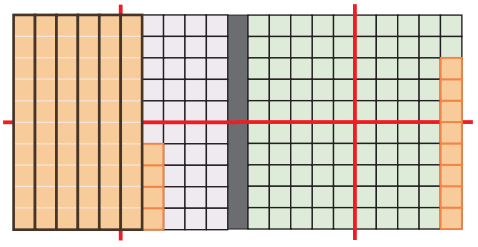
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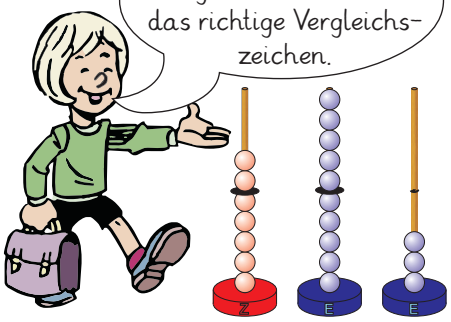
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Z	E		Z	E



Copyright



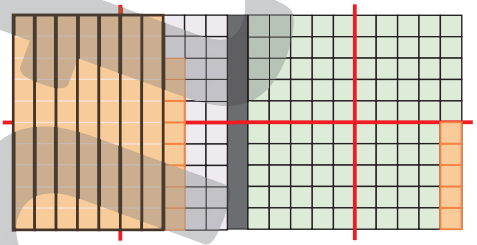
Beispiel

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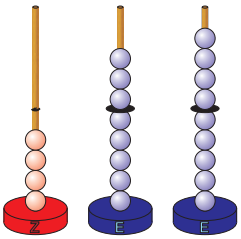
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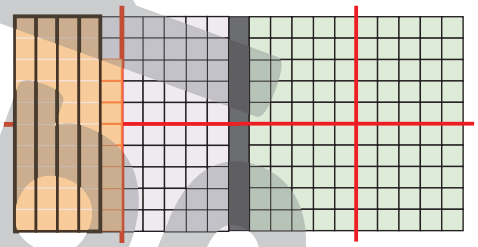
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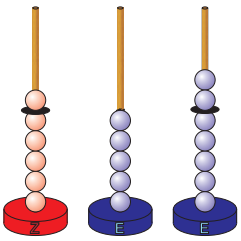
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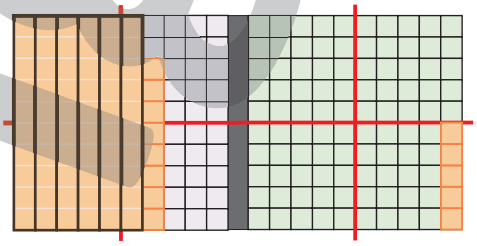
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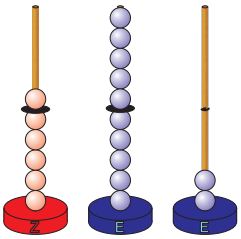
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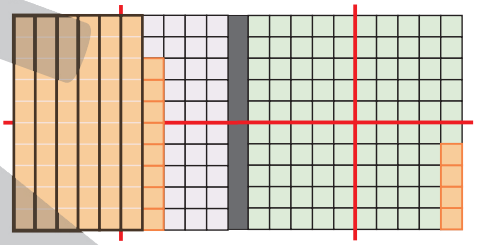
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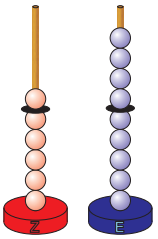
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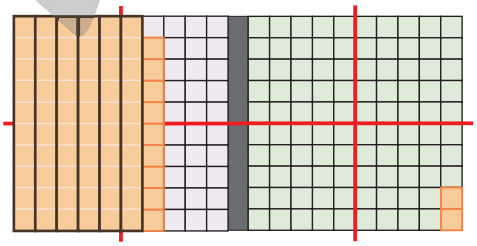
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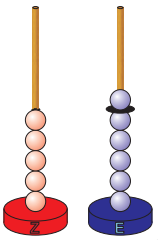
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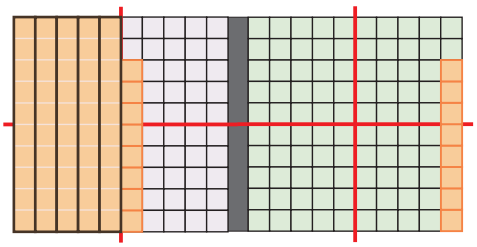
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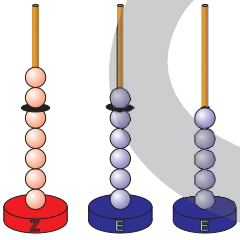
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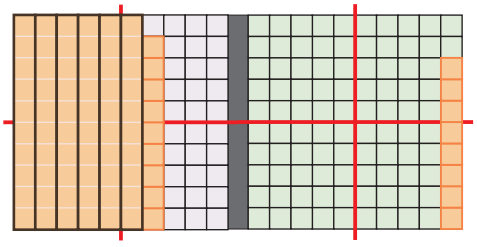
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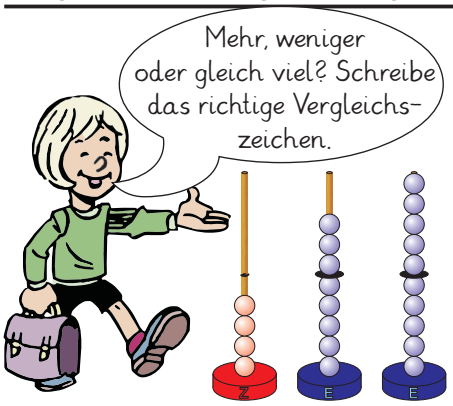
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Z	E		Z	E



copyright



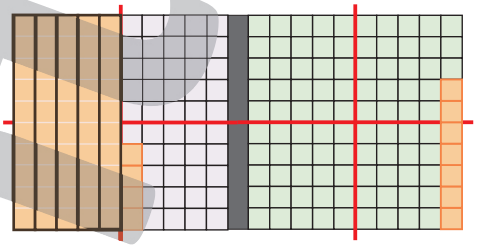
Beispiel

Tausche, wenn nötig!

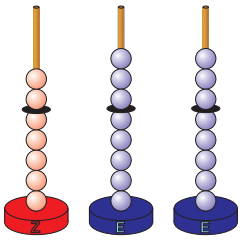
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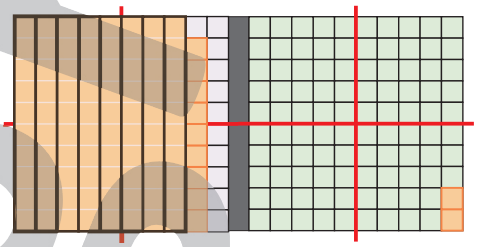
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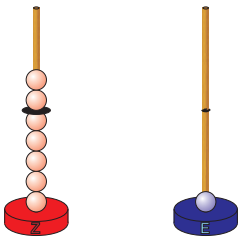
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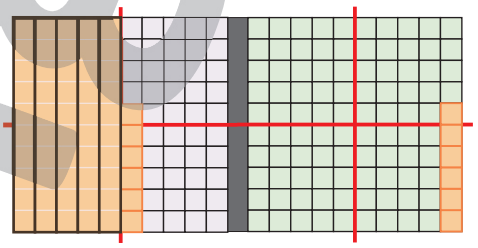
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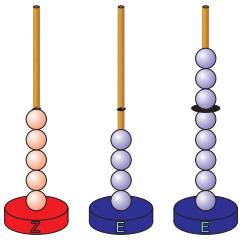
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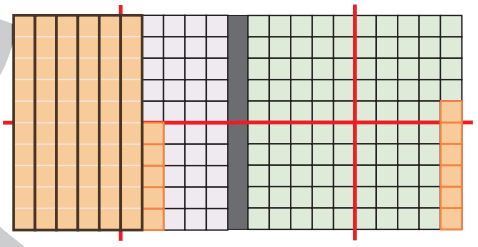
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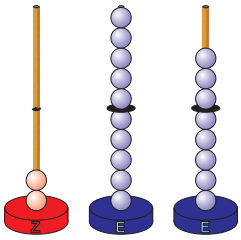
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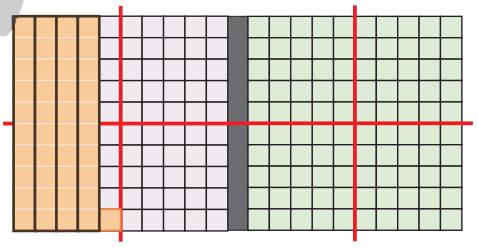
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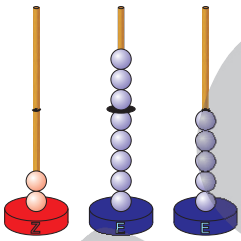
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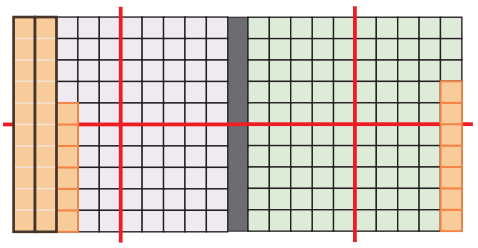
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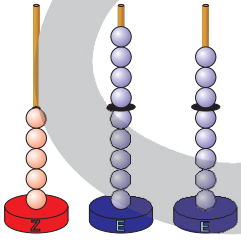
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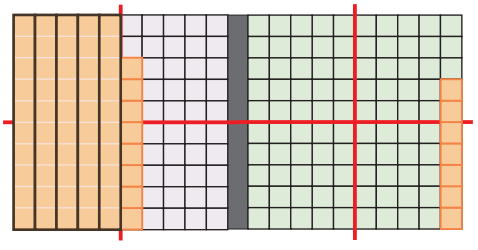
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f)



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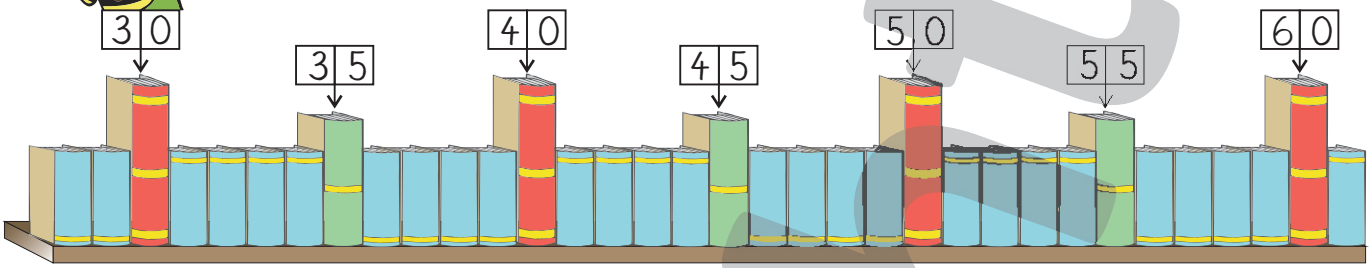


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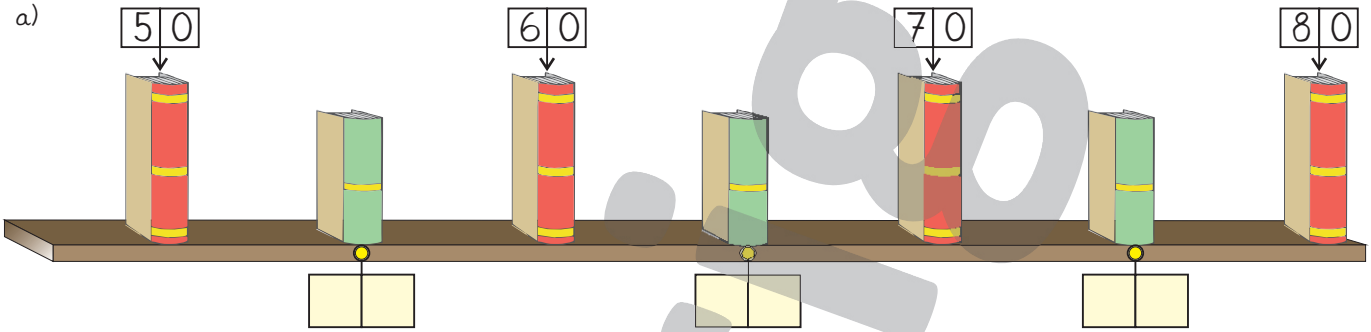
Ein Dieb in der Schulbücherei

100 Bücher waren in der Bücherei.
Sie waren nach Nummern sortiert.
Ein Beispiel seht ihr hier.

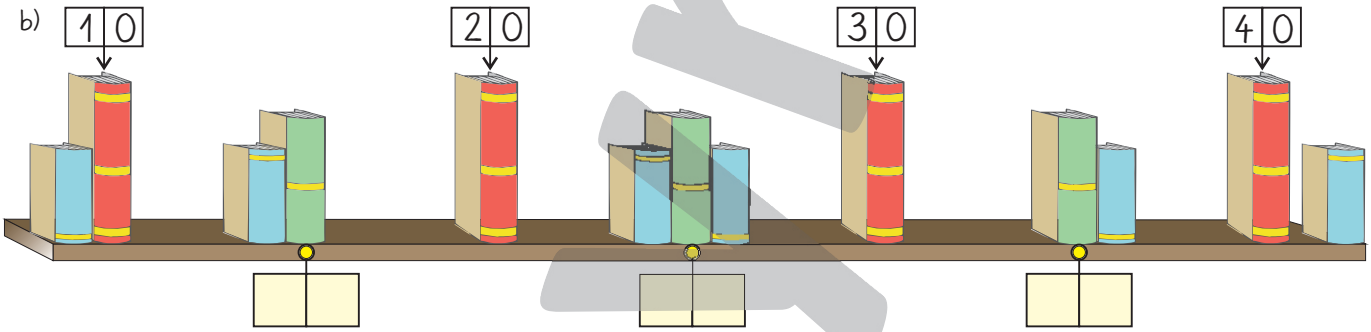


Einige Nummern der Bücher hat die Hausmeisterin vergessen. Sie hat dort ein gelbes Schild hingehängt. Kannst du ihr helfen? Welche Nummern haben die Bücher? Schreibe die Zahl auf das Schild.

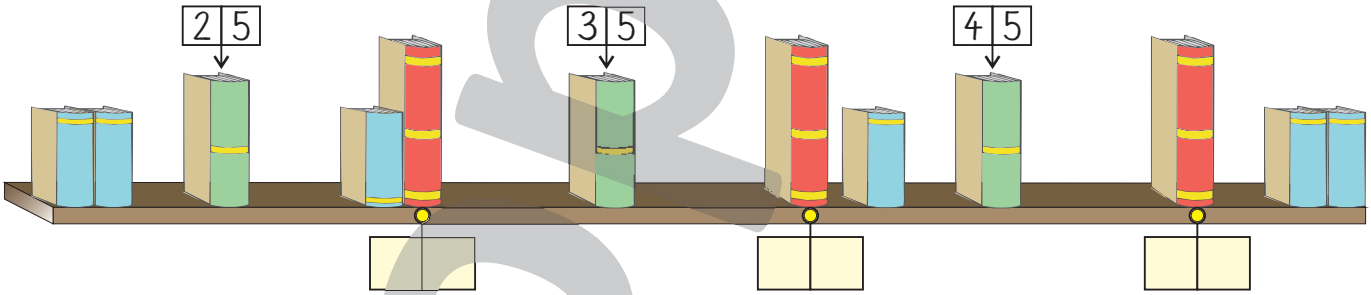
a)



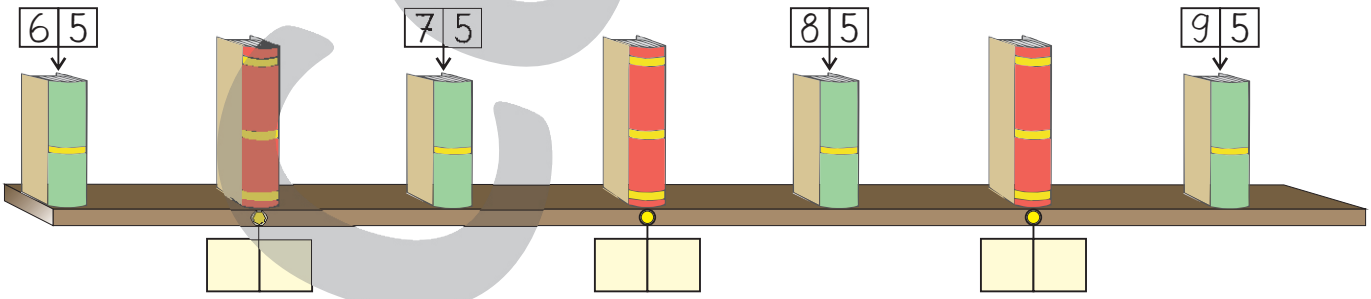
b)



c)



d)

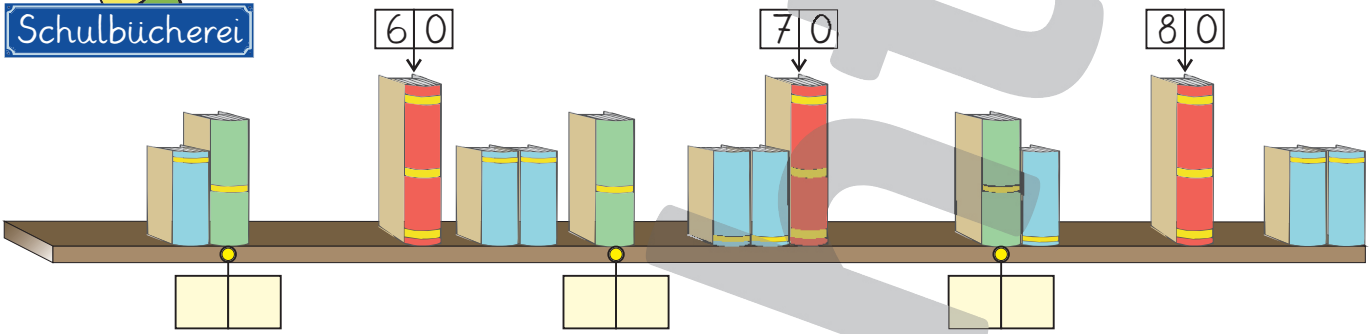


copyright

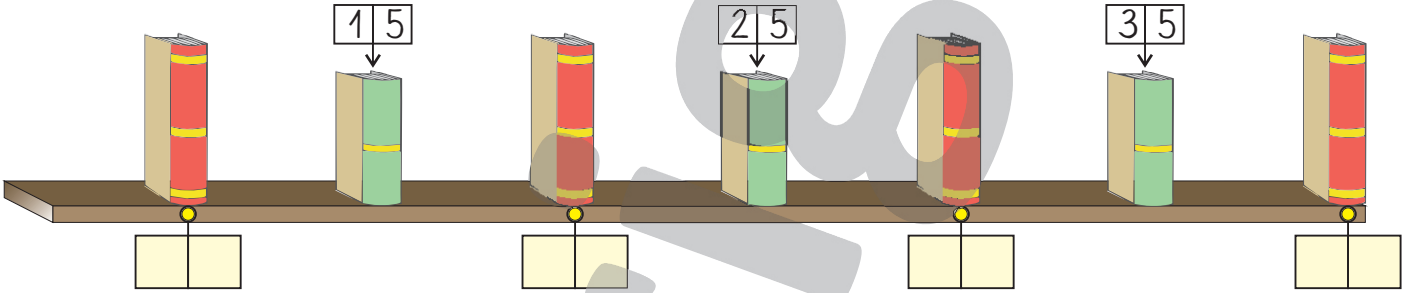


Schulbücherei

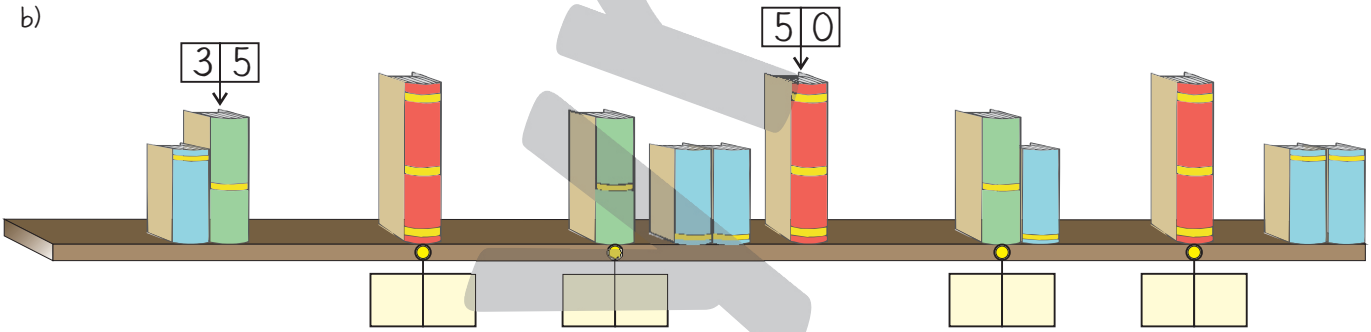
Der Dieb ist weiter unterwegs. Löse wie auf der linken Seite!



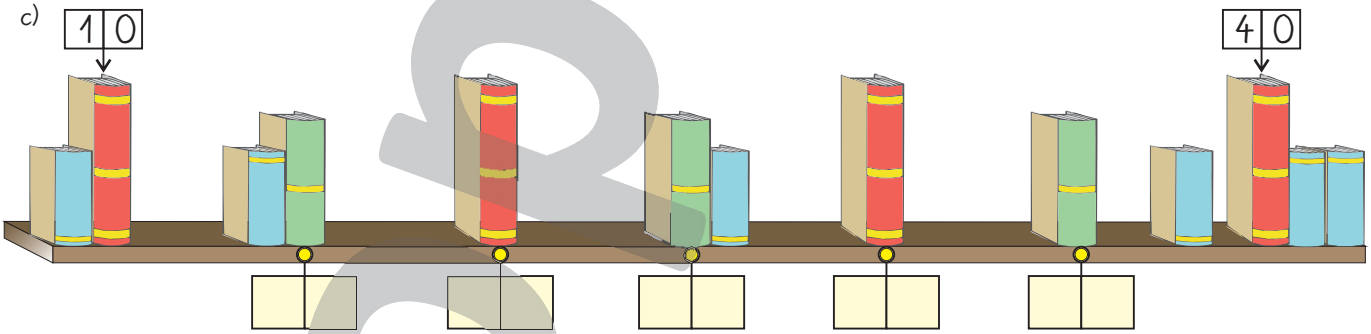
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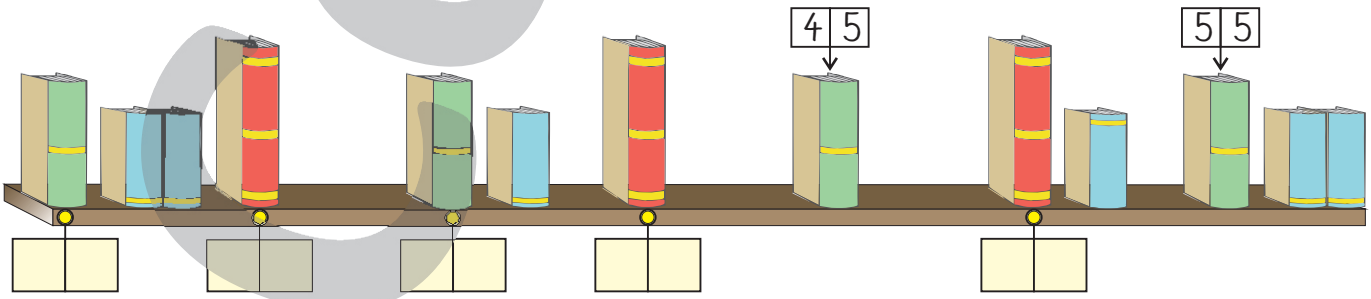
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d)

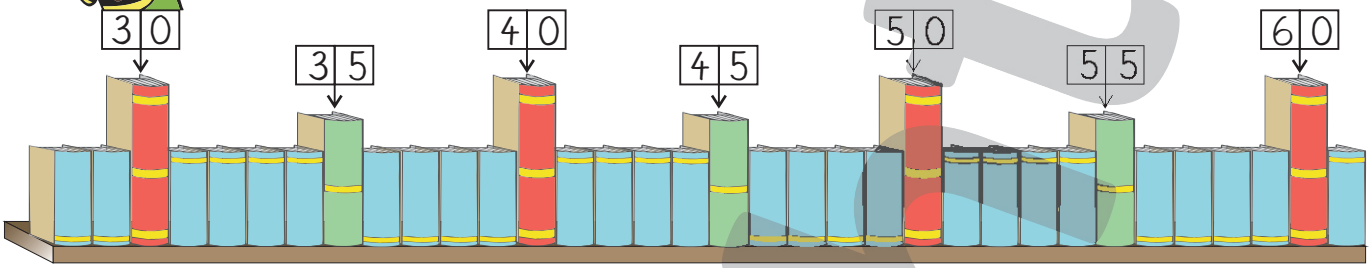


Copyright



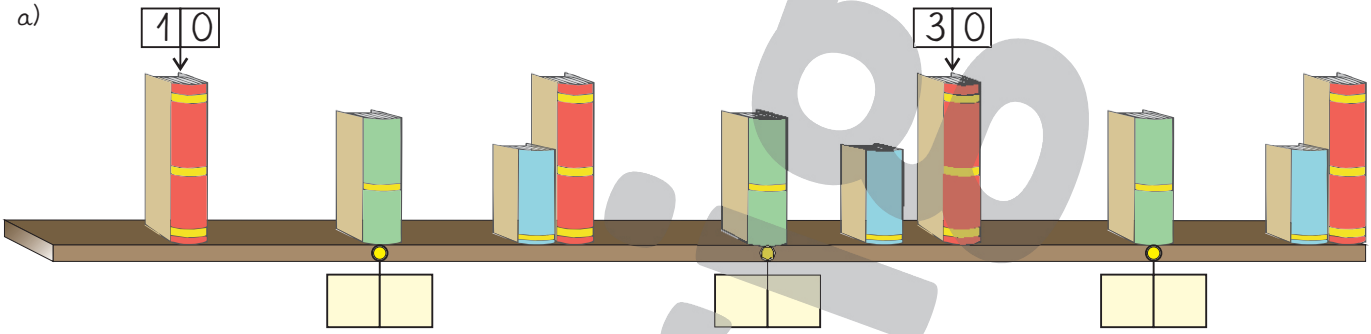
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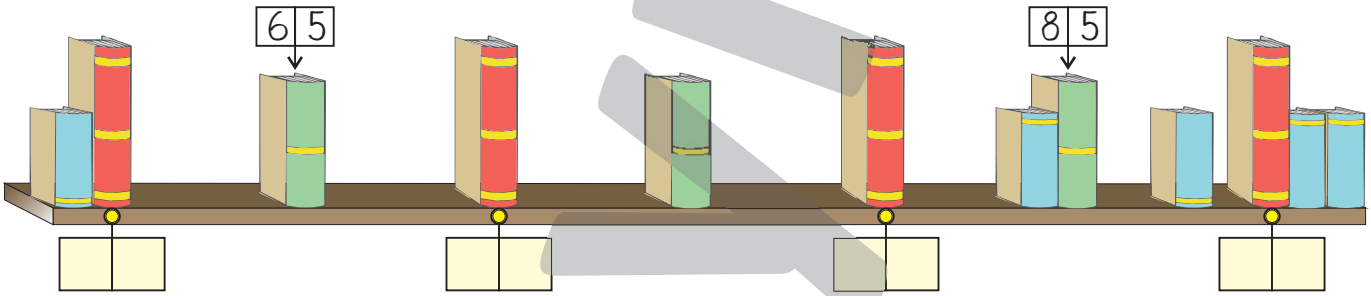


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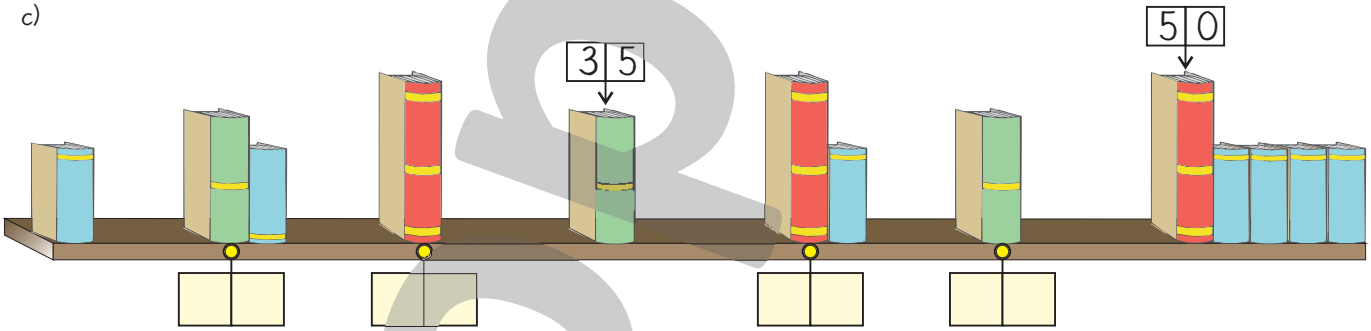
a)



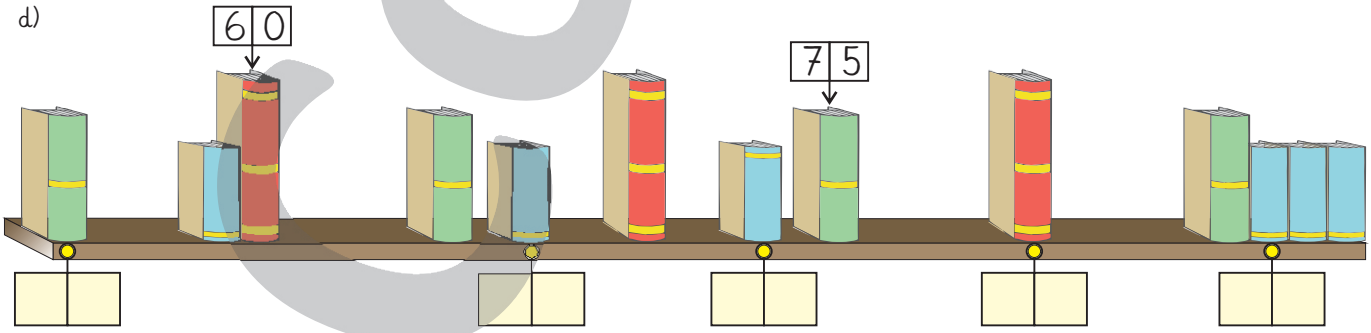
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c)



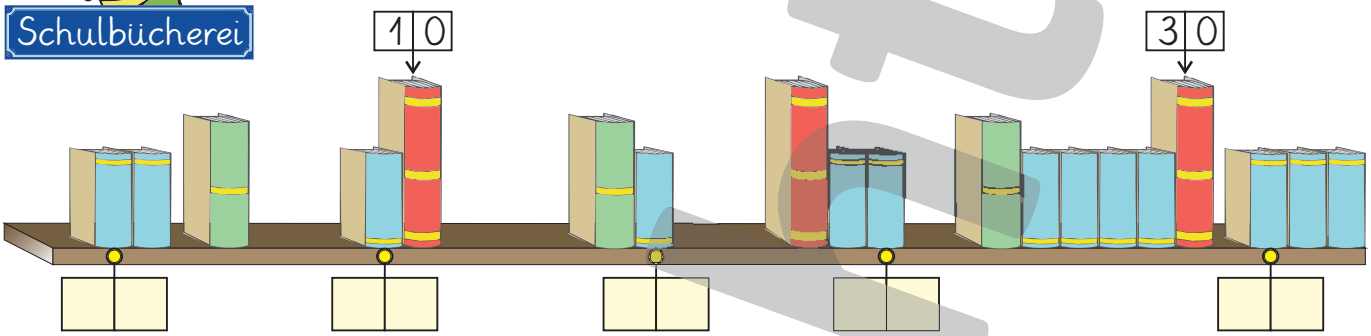
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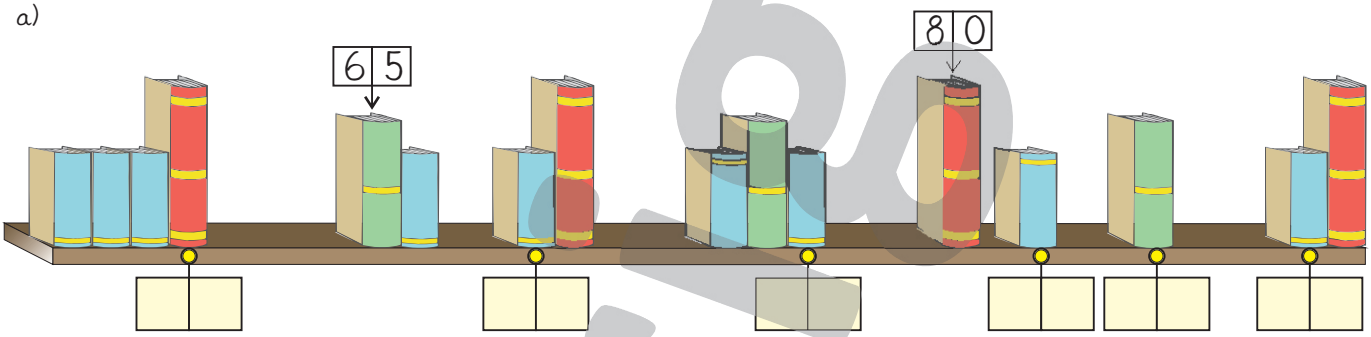
Kopiervorlage



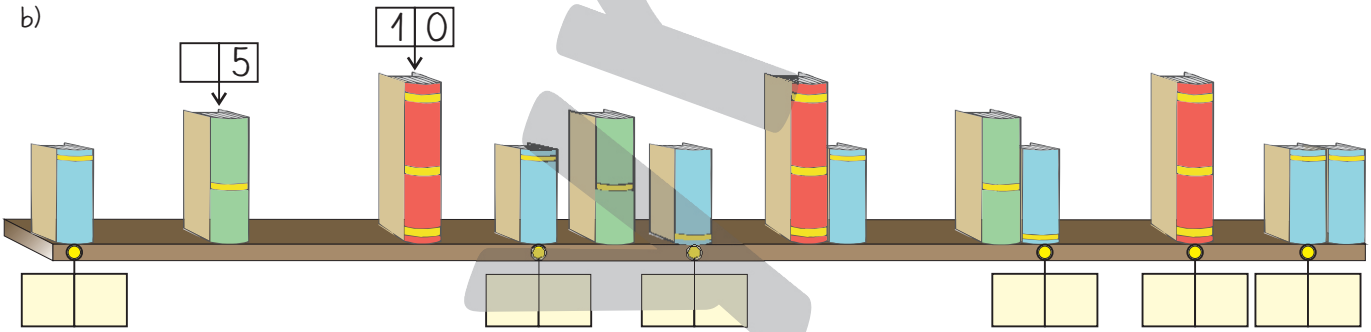
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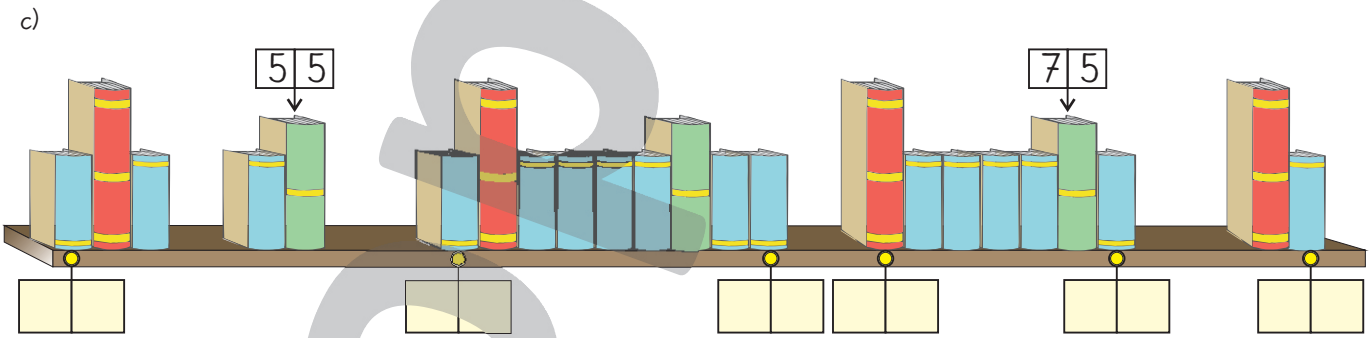
a)



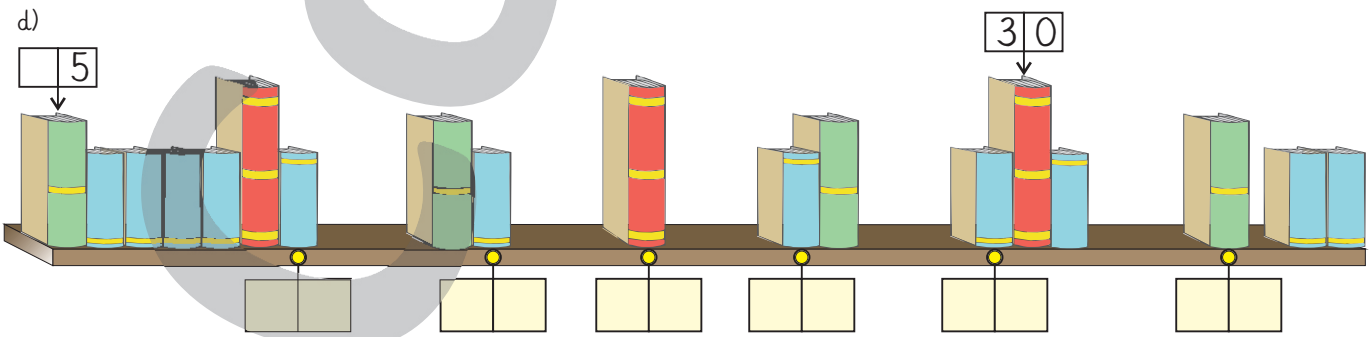
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d)

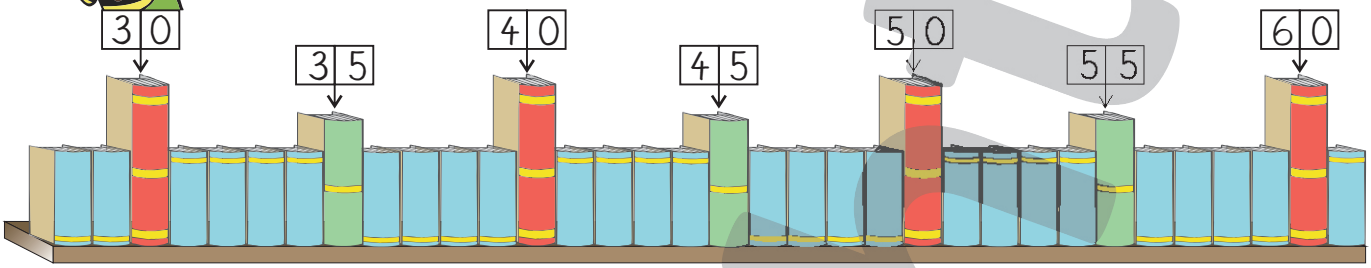


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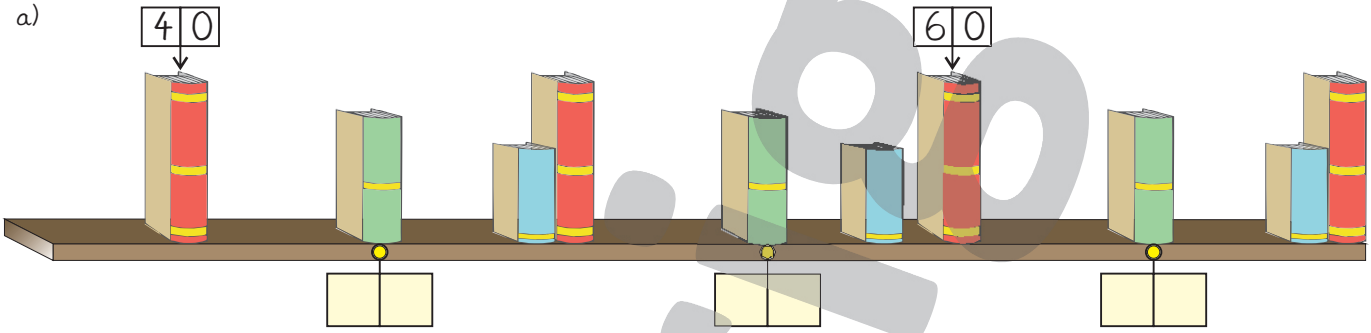
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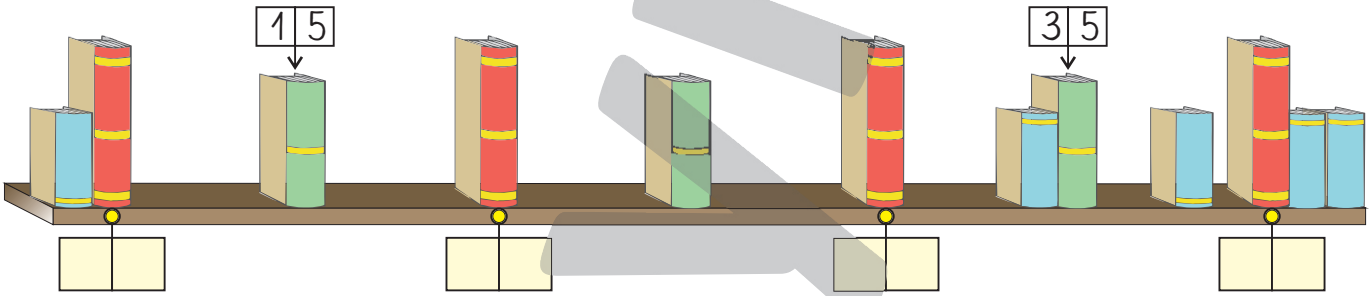


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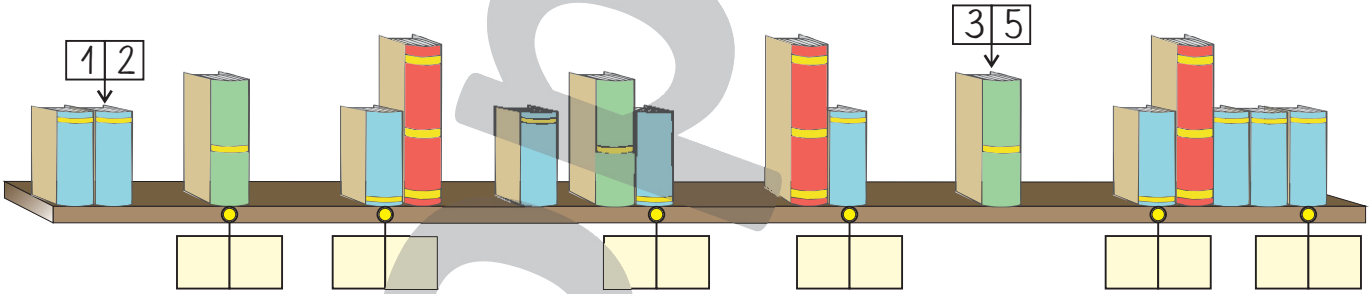
a)



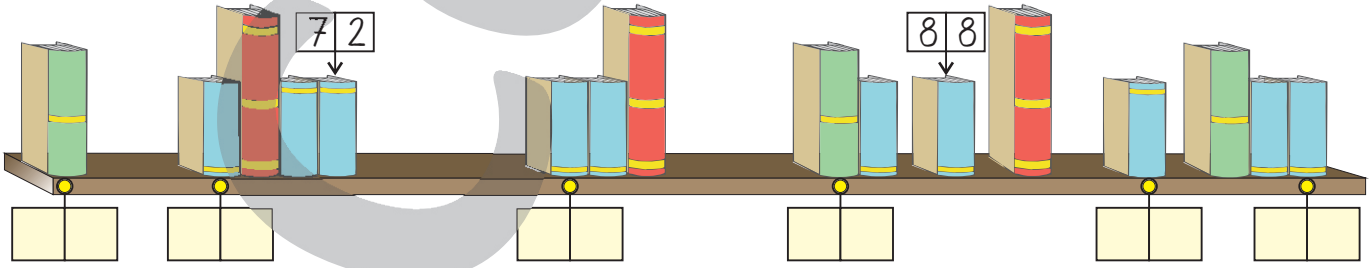
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d)

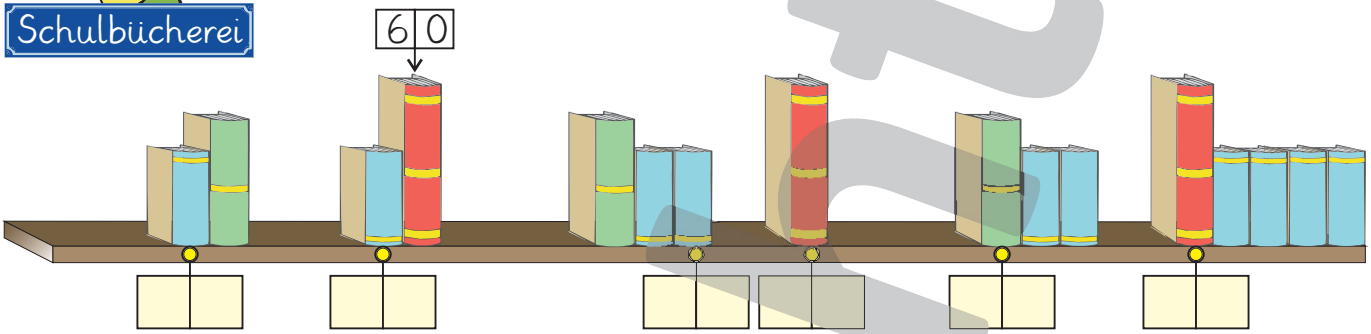


Copyright

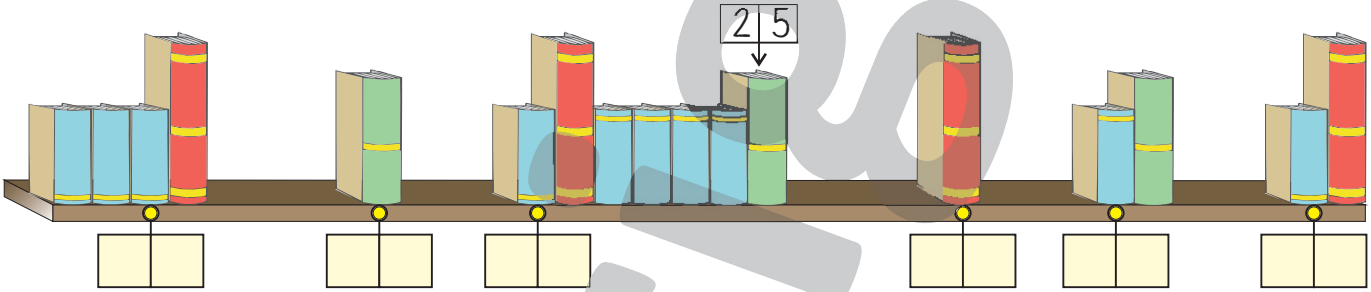


Schulbücherei

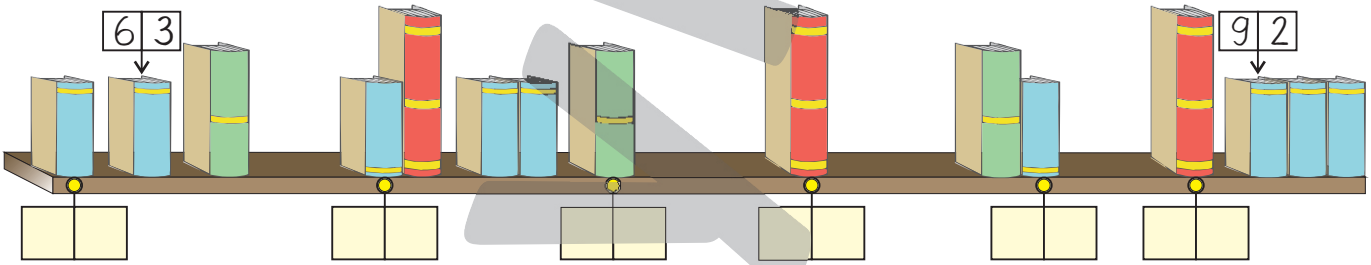
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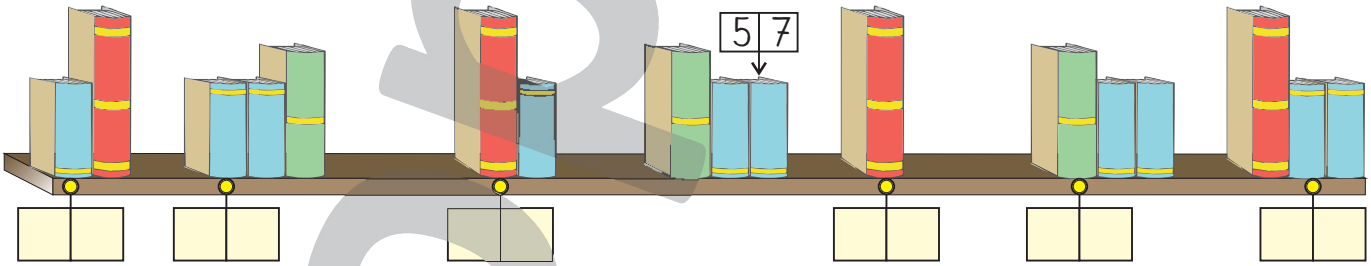
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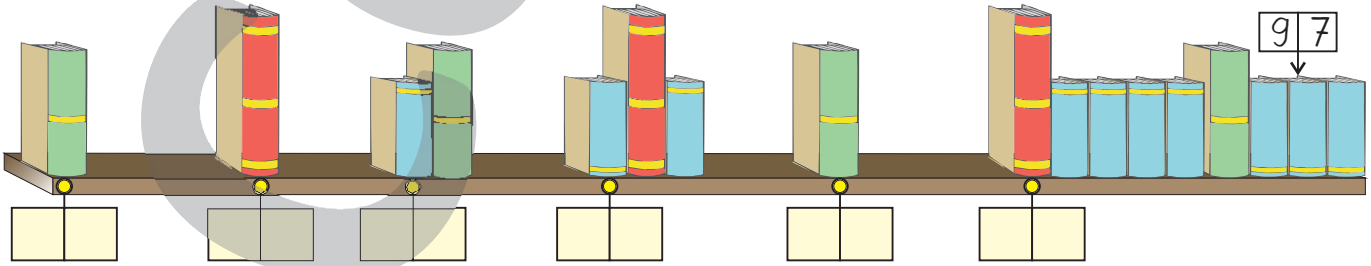
b)



c)



d)

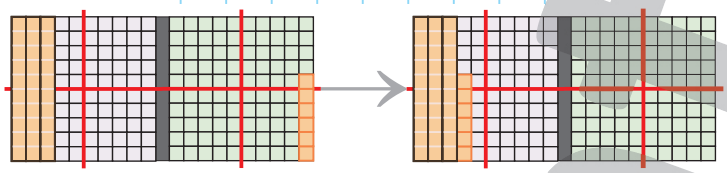


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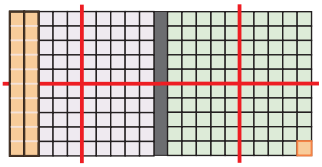
Beispiel

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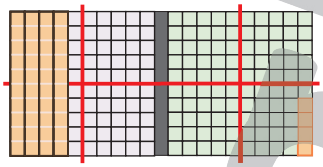


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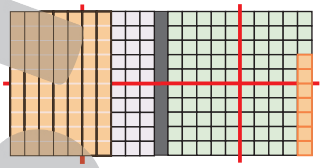
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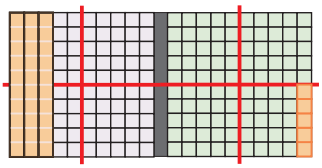


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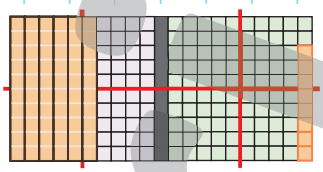


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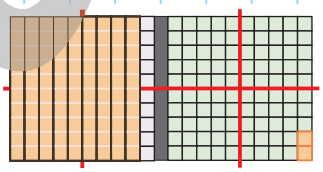
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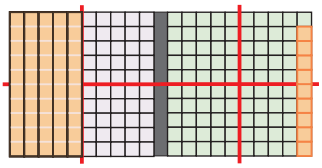


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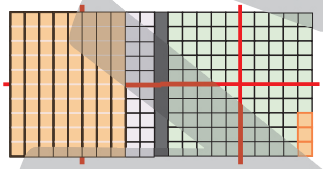


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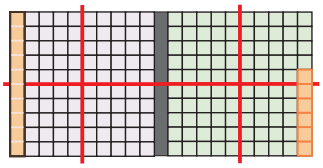
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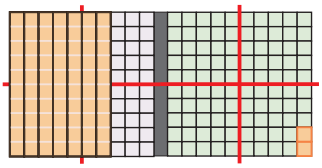


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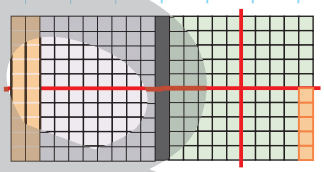


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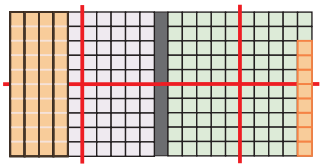
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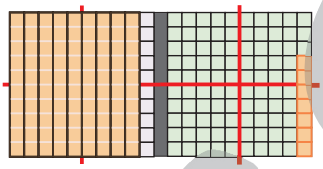


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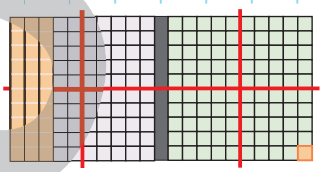


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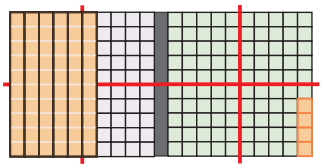
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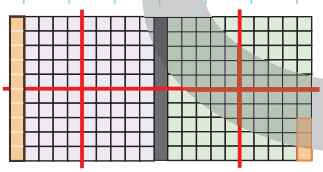


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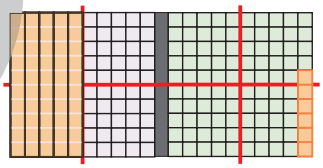


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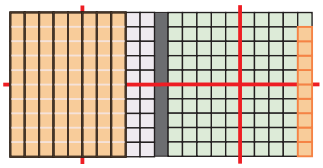
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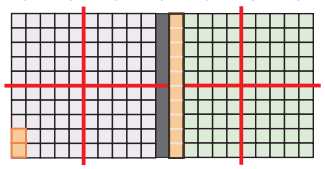
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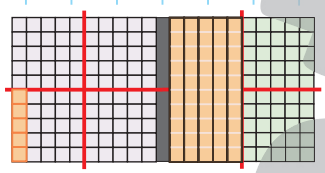
Copyright

Rechne wie auf der linken Seite!

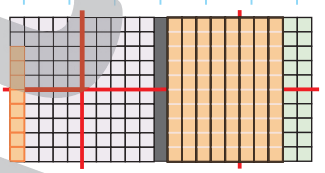
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Z	E		Z	E		Z	E
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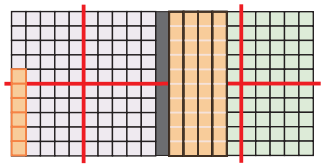


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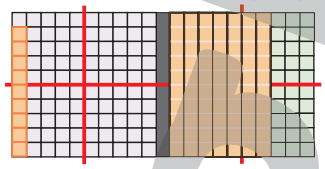


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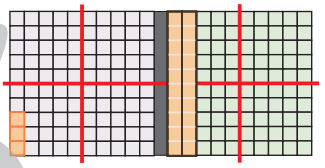
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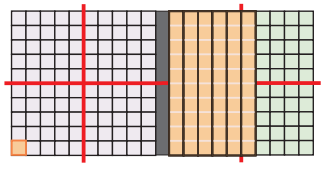


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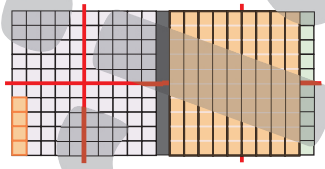


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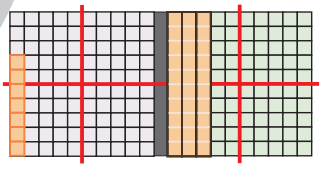
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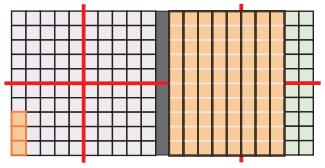


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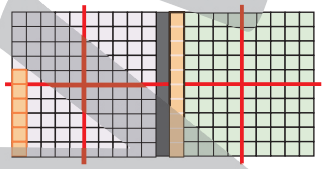


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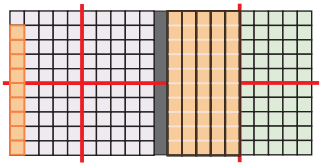
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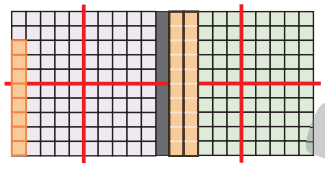


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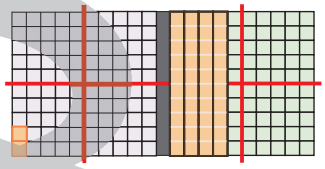


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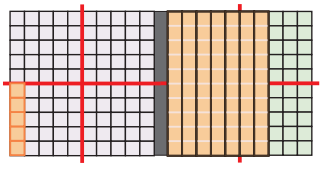
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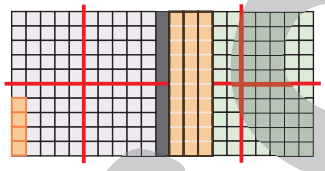


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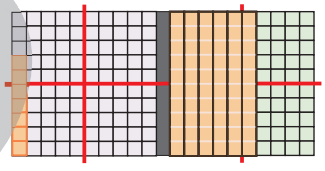


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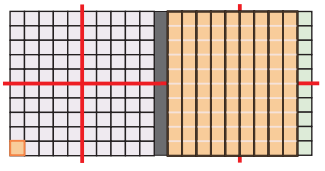
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Z	E		Z	E		Z	E
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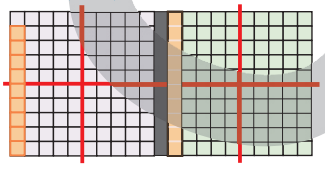


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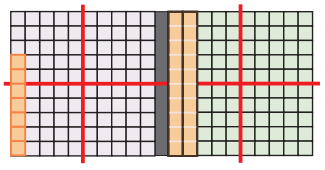


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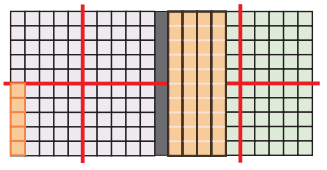
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7		+	2	0	=		



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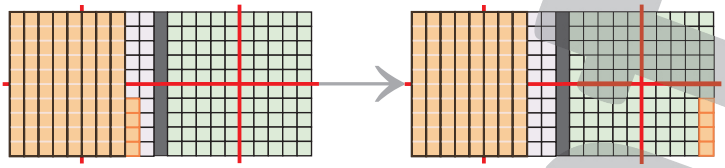


Copyright



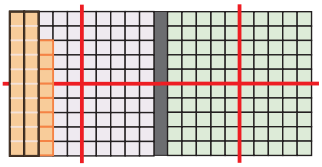
Beispiel

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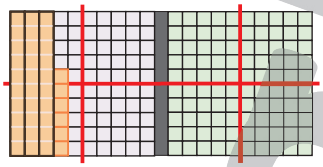


a)

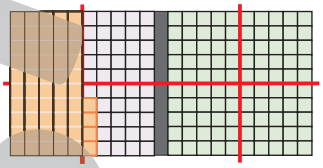
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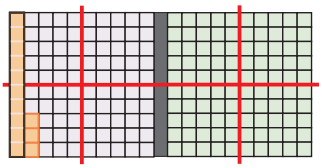


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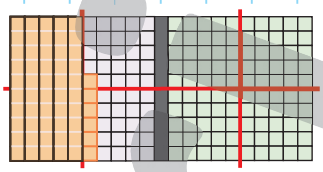


b)

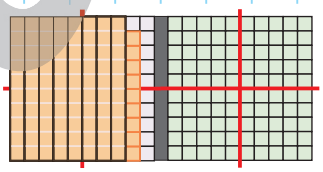
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5	6	−		6	=		

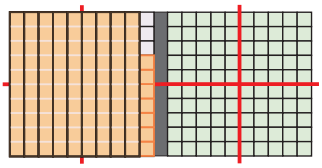


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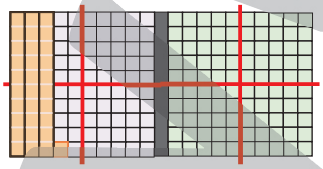


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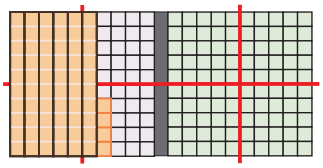
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9	7	−		7	=		



Z	E		Z	E		Z	E
3	1	−		1	=		

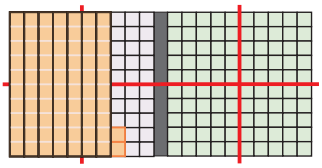


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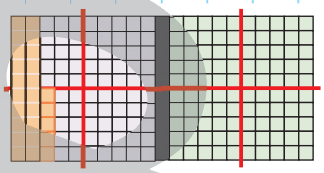


d)

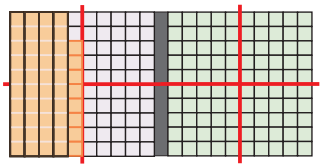
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7	2	−		2	=		



Z	E		Z	E		Z	E
2	5	−		5	=		

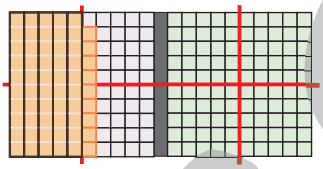


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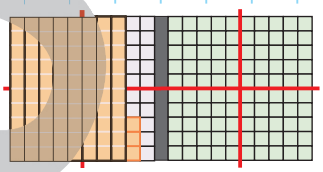


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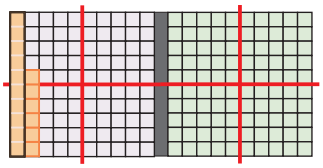
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Z	E		Z	E		Z	E
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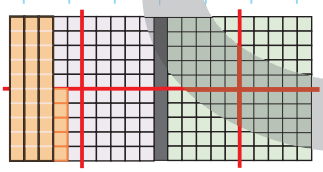


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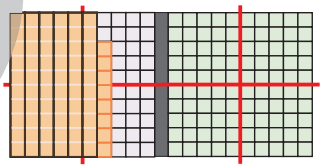


f)

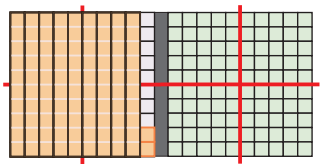
Z	E		Z	E		Z	E
3	5	−		5	=		



Z	E		Z	E		Z	E
6	8	−		8	=		



Z	E		Z	E		Z	E
9	2	−		2	=		

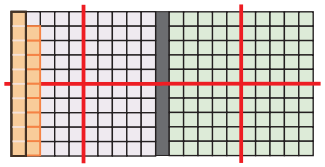


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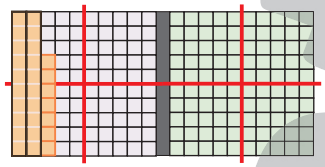
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a)

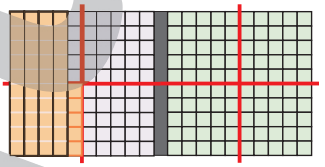
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Z	E		Z	E		Z	E
2	7	-	2	0	=		

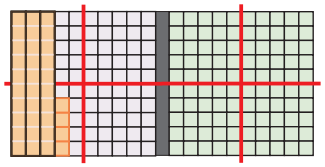


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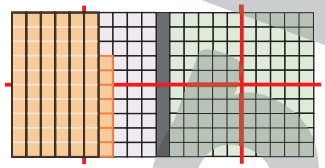


b)

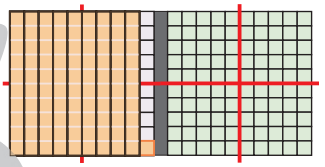
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Z	E		Z	E		Z	E
6	7	-	6	0	=		

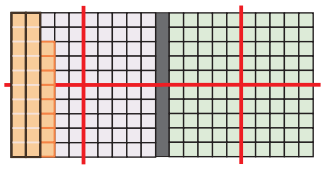


Z	E		Z	E		Z	E
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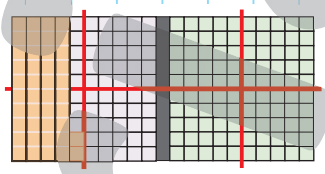


c)

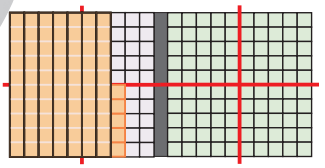
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Z	E		Z	E		Z	E
4	2	-	4	0	=		

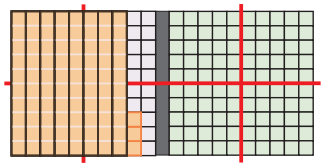


Z	E		Z	E		Z	E
7	5	-	7	0	=		

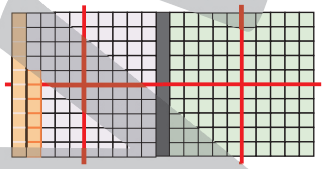


d)

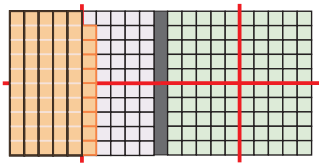
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Z	E		Z	E		Z	E
1	6	-	1	0	=		

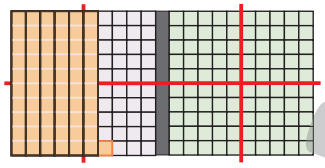


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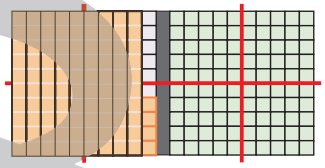


e)

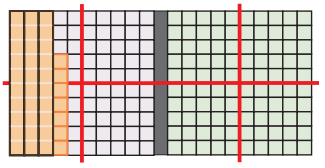
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Z	E		Z	E		Z	E
9	4	-	9	0	=		

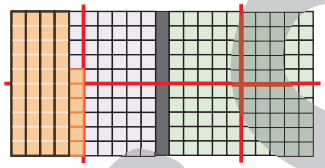


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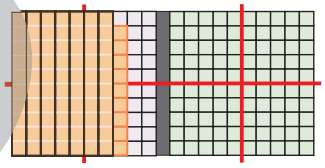


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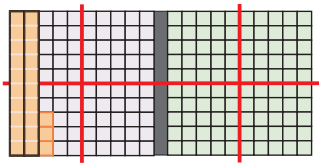
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Z	E		Z	E		Z	E
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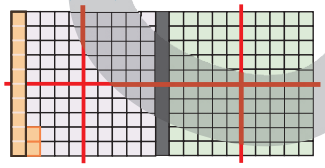


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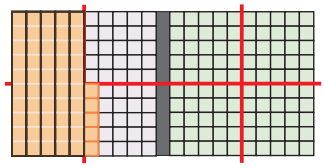


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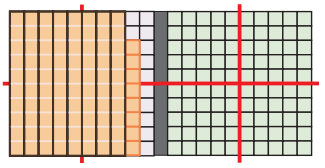
Z	E		Z	E		Z	E
1	2	-	1	0	=		



Z	E		Z	E		Z	E
5	5	-	5	0	=		



Z	E		Z	E		Z	E
8	8	-	8	0	=		

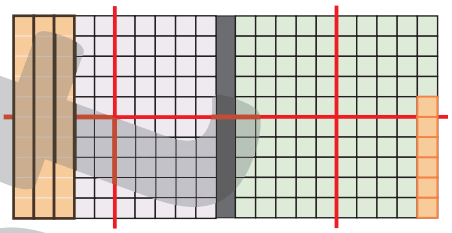


Copyright

Beispiel

Z	E		Z	E		Z	E
3	0	+		6	=	3	6
	6	+	3	0	=	3	6

Z	E		Z	E		Z	E
3	6	−		6	=	3	0
3	6	−	3	0	=		6

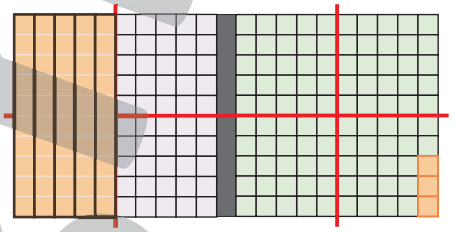


Probiere es auch in deinem Rechenrahmen!

a)

Z	E		Z	E		Z	E
5	0	+		3	=		
	3	+	5	0	=		

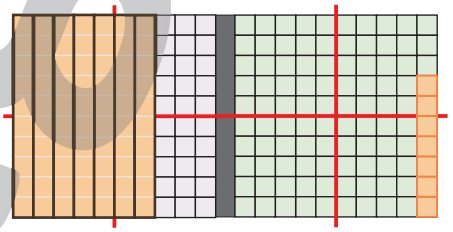
Z	E		Z	E		Z	E
5	3	−		3	=		
5	3	−	5	0	=		



b)

Z	E		Z	E		Z	E
7	0	+		7	=		
	7	+	7	0	=		

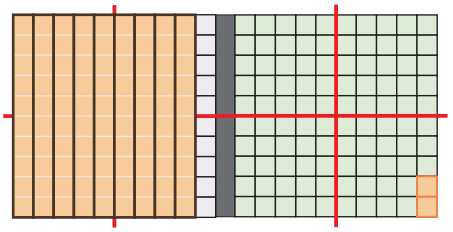
Z	E		Z	E		Z	E
7	7	−		7	=		
7	7	−	7	0	=		



c)

Z	E		Z	E		Z	E
9	0	+		2	=		
	2	+	9	0	=		

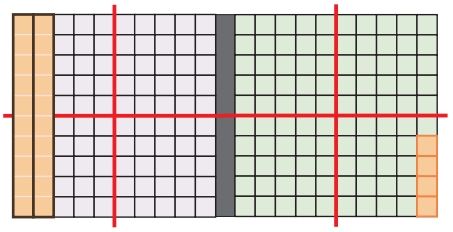
Z	E		Z	E		Z	E
9	2	−		2	=		
9	2	−	9	0	=		



d)

Z	E		Z	E		Z	E
2	0	+		4	=		
	4	+	2	0	=		

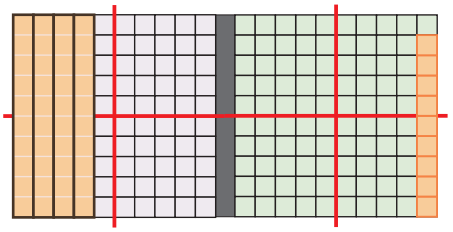
Z	E		Z	E		Z	E
2	4	−		4	=		
2	4	−	2	0	=		



e)

Z	E		Z	E		Z	E
4	0	+		9	=		
	9	+	4	0	=		

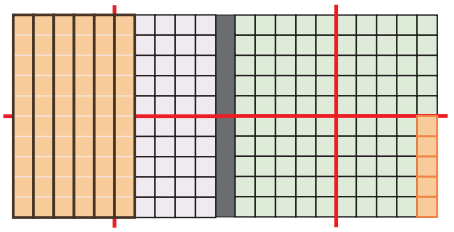
Z	E		Z	E		Z	E
4	9	−		9	=		
4	9	−	4	0	=		



f)

Z	E		Z	E		Z	E
6	0	+		5	=		
	5	+	6	0	=		

Z	E		Z	E		Z	E
6	5	−		5	=		
6	5	−	6	0	=		



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Rechne wie auf der linken Seite!

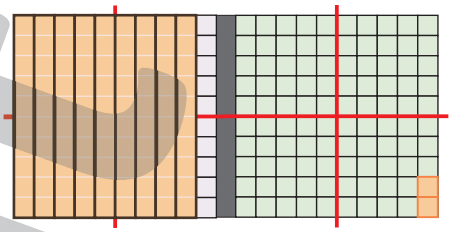
a)

Z	E		Z	E		Z	E
9	0	+		2	=		

Z	E		Z	E		Z	E
	2	+	9	0	=		

Z	E		Z	E		Z	E
9	2	−		2	=		

Z	E		Z	E		Z	E
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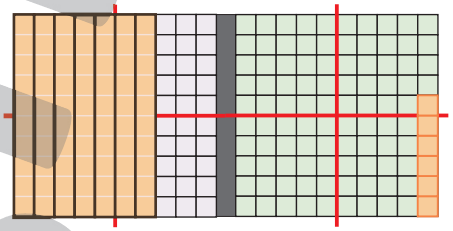
b)

Z	E		Z	E		Z	E
7	0	+		6	=		

Z	E		Z	E		Z	E
	6	+	7	0	=		

Z	E		Z	E		Z	E
7	6	−		6	=		

Z	E		Z	E		Z	E
7	6	−	7	0	=		



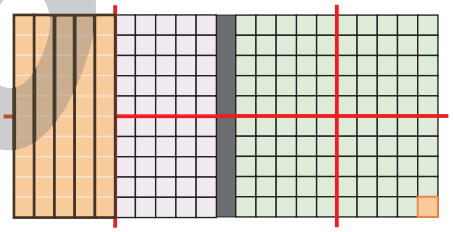
c)

Z	E		Z	E		Z	E
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Z	E		Z	E		Z	E
	1	+	5	0	=		

Z	E		Z	E		Z	E
5	1	−		1	=		

Z	E		Z	E		Z	E
5	1	−	5	0	=		



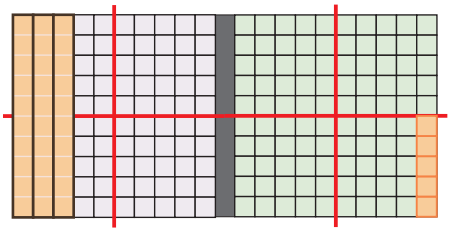
d)

Z	E		Z	E		Z	E
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Z	E		Z	E		Z	E
	5	+	3	0	=		

Z	E		Z	E		Z	E
3	5	−		5	=		

Z	E		Z	E		Z	E
3	5	−	3	0	=		



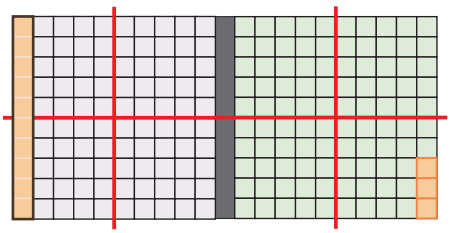
e)

Z	E		Z	E		Z	E
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Z	E		Z	E		Z	E
	3	+	1	0	=		

Z	E		Z	E		Z	E
1	3	−		3	=		

Z	E		Z	E		Z	E
1	3	−	1	0	=		



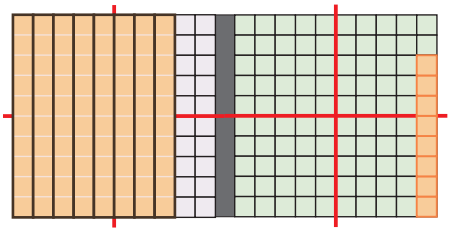
f)

Z	E		Z	E		Z	E
8	0	+		8	=		

Z	E		Z	E		Z	E
	8	+	8	0	=		

Z	E		Z	E		Z	E
8	8	−		8	=		

Z	E		Z	E		Z	E
8	8	−	8	0	=		



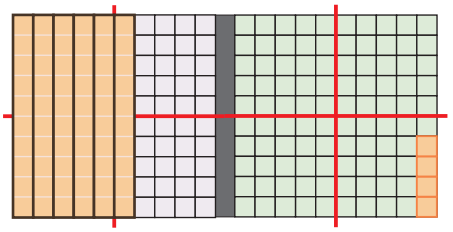
g)

Z	E		Z	E		Z	E
6	0	+		4	=		

Z	E		Z	E		Z	E
	4	+	6	0	=		

Z	E		Z	E		Z	E
6	4	−		4	=		

Z	E		Z	E		Z	E
6	4	−	6	0	=		

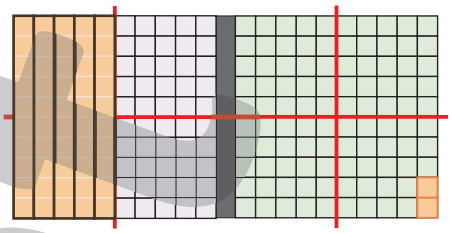


Copyright

Beispiel

Z	E		Z	E	=	Z	E
5	0	+		2	=	5	2
	2	+	5	0	=	5	2

Z	E		Z	E	=	Z	E
5	2	−		2	=	5	0
5	2	−	5	0	=		2

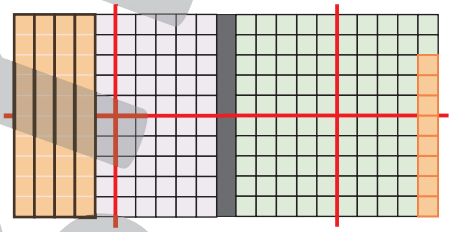


Probiere es auch in deinem Rechenrahmen!

a)

Z	E		Z	E	=	Z	E
4	0	+			=	4	8
		+	4	0	=	4	8

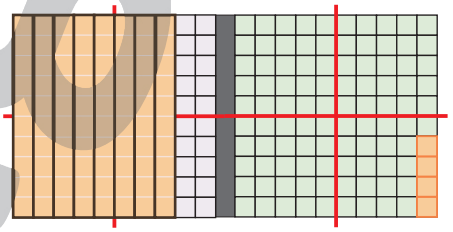
Z	E		Z	E	=	Z	E
		−		8	=	4	0
4	8	−			=		8



b)

Z	E		Z	E	=	Z	E
8	0	+			=	8	4
		+	8	0	=	8	4

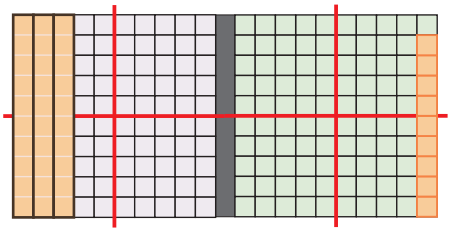
Z	E		Z	E	=	Z	E
		−		4	=	8	0
8	4	−			=		4



c)

Z	E		Z	E	=	Z	E
3	0	+			=	3	9
		+	3	0	=	3	9

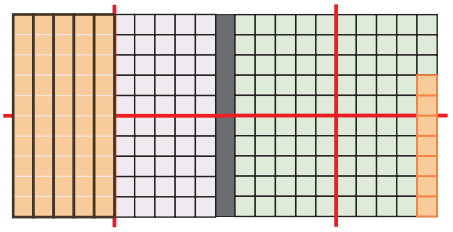
Z	E		Z	E	=	Z	E
		−		9	=	3	0
3	9	−			=		9



d)

Z	E		Z	E	=	Z	E
5	0	+			=	5	7
		+	5	0	=	5	7

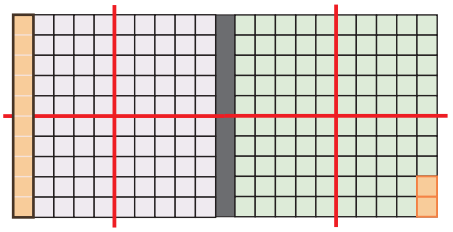
Z	E		Z	E	=	Z	E
		−		7	=	5	0
5	7	−			=		7



e)

Z	E		Z	E	=	Z	E
1	0	+			=	1	2
		+	1	0	=	1	2

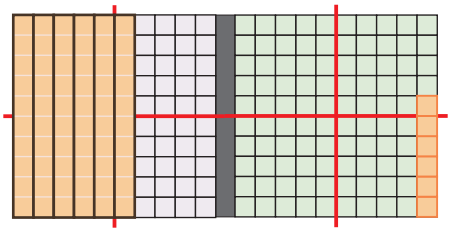
Z	E		Z	E	=	Z	E
		−		2	=	1	0
1	2	−			=		2



f)

Z	E		Z	E	=	Z	E
6	0	+			=	6	6
		+	6	0	=	6	6

Z	E		Z	E	=	Z	E
		−		6	=	6	0
6	6	−			=		6



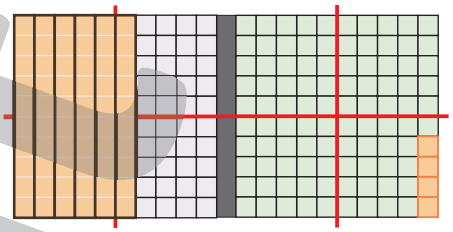
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Rechne wie auf der linken Seite!

a)

Z	E		Z	E		Z	E
6	0	+			=	6	4
		+	6	0	=	6	4

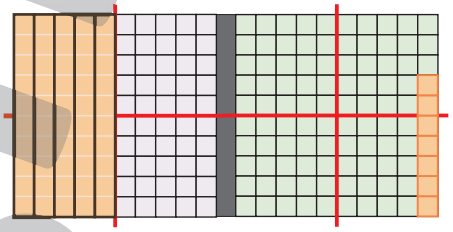
Z	E		Z	E		Z	E
		−		4	=	6	0
6	4	−			=		4



b)

Z	E		Z	E		Z	E
5	0	+			=	5	7
		+	5	0	=	5	7

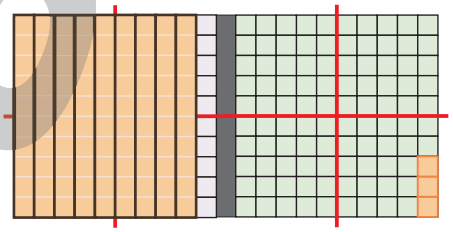
Z	E		Z	E		Z	E
		−		7	=	5	0
5	7	−			=		7



c)

Z	E		Z	E		Z	E
9	0	+			=	9	3
		+	9	0	=	9	3

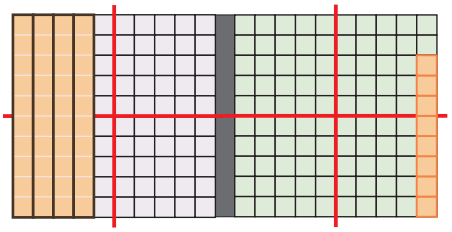
Z	E		Z	E		Z	E
		−		3	=	9	0
9	3	−			=		3



d)

Z	E		Z	E		Z	E
4	0	+			=	4	8
		+	4	0	=	4	8

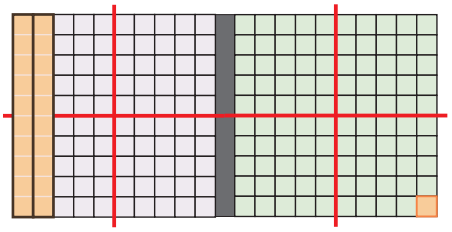
Z	E		Z	E		Z	E
		−		8	=	4	0
4	8	−			=		8



e)

Z	E		Z	E		Z	E
2	0	+			=	2	1
		+	2	0	=	2	1

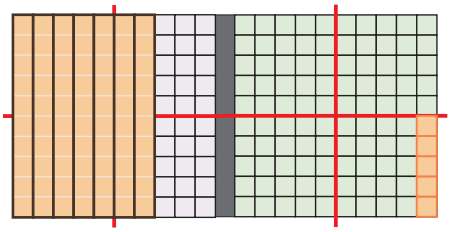
Z	E		Z	E		Z	E
		−		1	=	2	0
2	1	−			=		1



f)

Z	E		Z	E		Z	E
7	0	+			=	7	5
		+	7	0	=	7	5

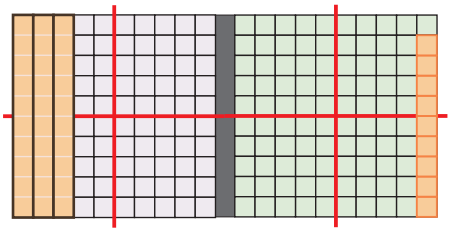
Z	E		Z	E		Z	E
		−		5	=	7	0
7	5	−			=		5



g)

Z	E		Z	E		Z	E
3	0	+			=	3	9
		+	3	0	=	3	9

Z	E		Z	E		Z	E
		−		9	=	3	0
3	9	−			=		9

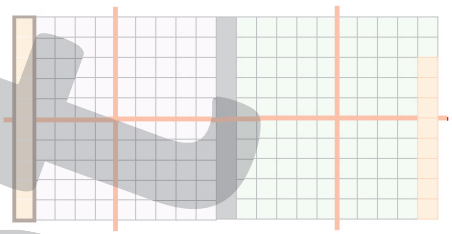


Copyright

Beispiel

Z	E		Z	E		Z	E
1	0	+		8	=	1	8
	8	+	1	0	=	1	8

Z	E		Z	E		Z	E
1	8	−		8	=	1	0
1	8	−	1	0	=		8

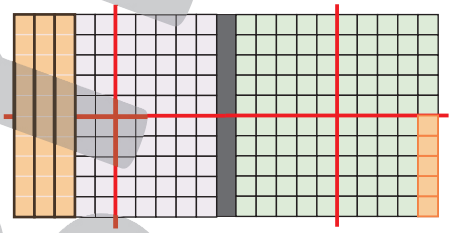


Klappt es auch ohne deinen Rechenrahmen!

a)

Z	E		Z	E		Z	E
3	0	+		5	=		
		+	3	0	=	3	5

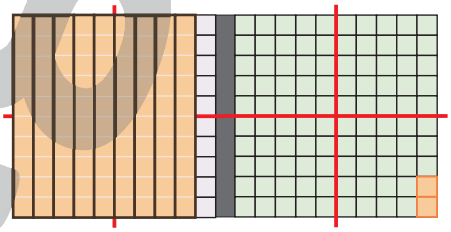
Z	E		Z	E		Z	E
3	5	−			=	3	0
3	5	−			=		5



b)

Z	E		Z	E		Z	E
9	0	+		2	=		
		+	9	0	=	9	2

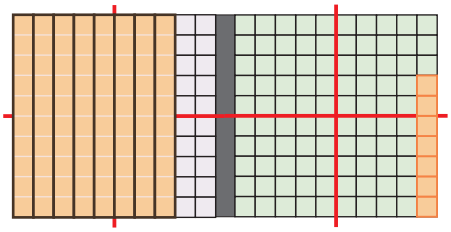
Z	E		Z	E		Z	E
9	2	−			=	9	0
9	2	−			=		2



c)

Z	E		Z	E		Z	E
8	0	+		7	=		
		+	8	0	=	8	7

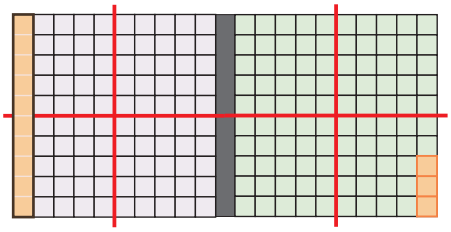
Z	E		Z	E		Z	E
8	7	−			=	8	0
8	7	−			=		7



d)

Z	E		Z	E		Z	E
1	0	+		3	=		
		+	1	0	=	1	3

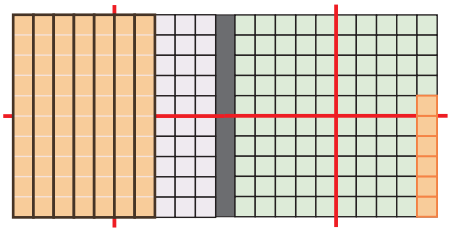
Z	E		Z	E		Z	E
1	3	−			=	1	0
1	3	−			=		3



e)

Z	E		Z	E		Z	E
7	0	+		6	=		
		+	7	0	=	7	6

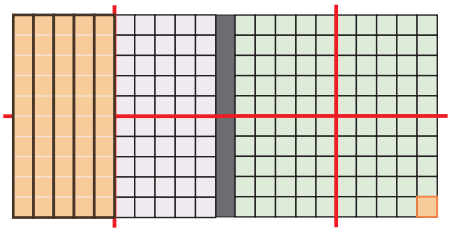
Z	E		Z	E		Z	E
7	6	−			=	7	0
7	6	−			=		6



f)

Z	E		Z	E		Z	E
5	0	+		1	=		
		+	5	0	=	5	1

Z	E		Z	E		Z	E
5	1	−			=	5	0
5	1	−			=		1



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Rechne wie auf der linken Seite!

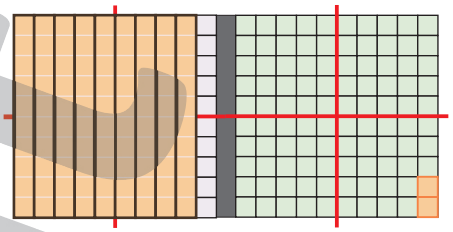
a)

Z	E		Z	E		Z	E
9	0	+		2	=		

Z	E		Z	E		Z	E
		+	9	0	=	9	2

Z	E		Z	E		Z	E
9	2	−			=	9	0

Z	E		Z	E		Z	E
9	2	−			=		2



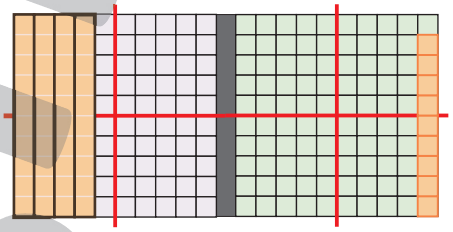
b)

Z	E		Z	E		Z	E
4	0	+		9	=		

Z	E		Z	E		Z	E
		+	4	0	=	4	9

Z	E		Z	E		Z	E
4	9	−			=	4	0

Z	E		Z	E		Z	E
4	9	−			=		9



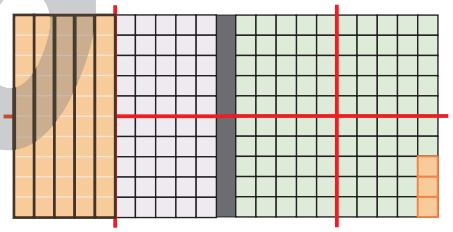
c)

Z	E		Z	E		Z	E
5	0	+		3	=		

Z	E		Z	E		Z	E
		+	5	0	=	5	3

Z	E		Z	E		Z	E
5	3	−			=	5	0

Z	E		Z	E		Z	E
5	3	−			=		3



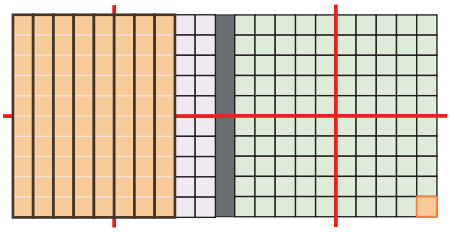
d)

Z	E		Z	E		Z	E
8	0	+		1	=		

Z	E		Z	E		Z	E
		+	8	0	=	8	1

Z	E		Z	E		Z	E
8	1	−			=	8	0

Z	E		Z	E		Z	E
8	1	−			=		1



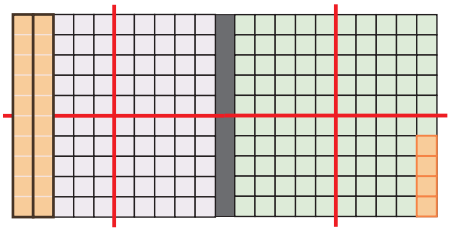
e)

Z	E		Z	E		Z	E
2	0	+		4	=		

Z	E		Z	E		Z	E
		+	2	0	=	2	4

Z	E		Z	E		Z	E
2	4	−			=	2	0

Z	E		Z	E		Z	E
2	4	−			=		4



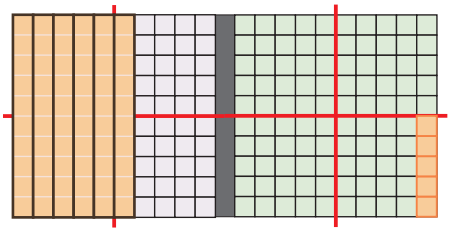
f)

Z	E		Z	E		Z	E
6	0	+		5	=		

Z	E		Z	E		Z	E
		+	6	0	=	6	5

Z	E		Z	E		Z	E
6	5	−			=	6	0

Z	E		Z	E		Z	E
6	5	−			=		5



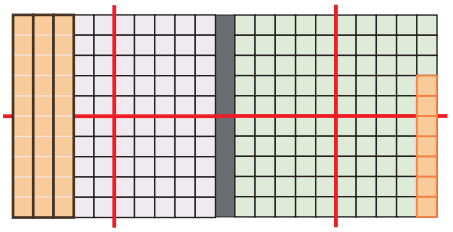
g)

Z	E		Z	E		Z	E
3	0	+		7	=		

Z	E		Z	E		Z	E
		+	3	0	=	3	7

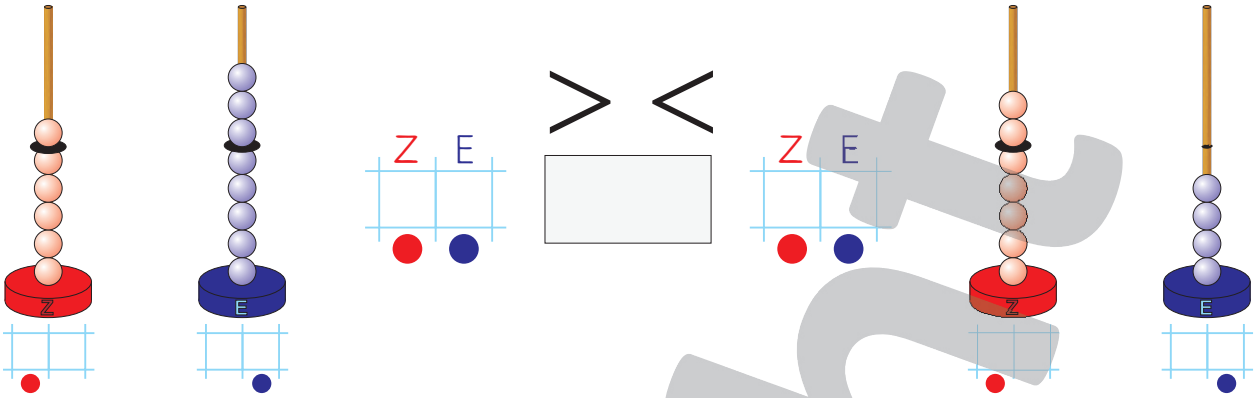
Z	E		Z	E		Z	E
3	7	−			=	3	0

Z	E		Z	E		Z	E
3	7	−			=		7

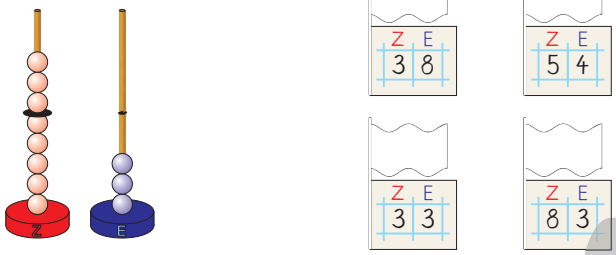


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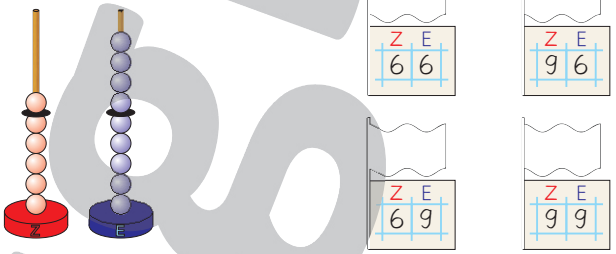
1)



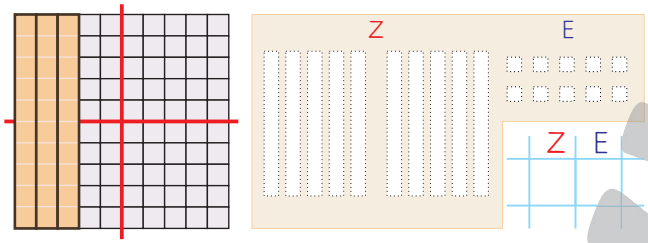
2)



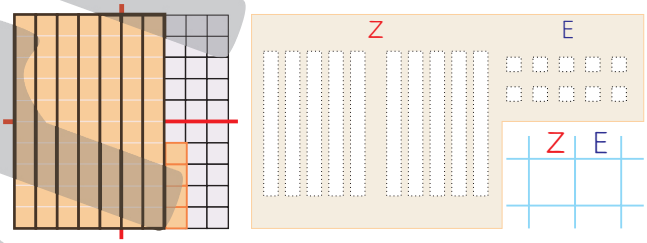
3)



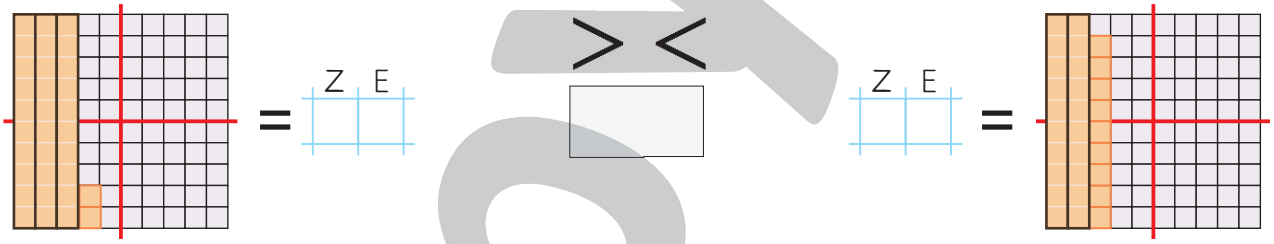
4)



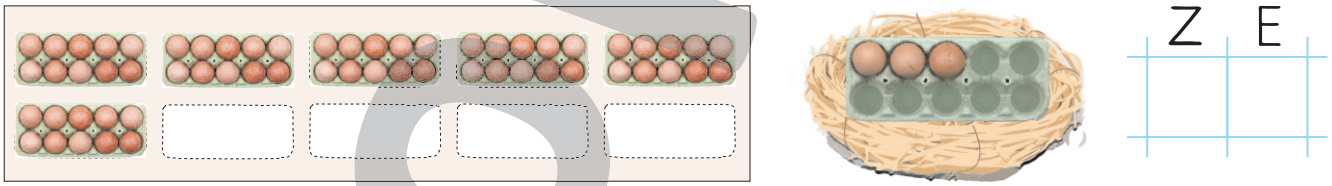
5)



6)



7)

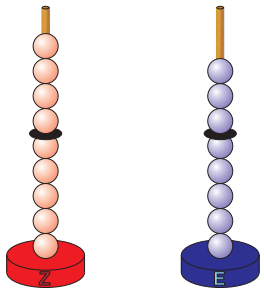


Anweisungen:

1) Schreibe die Ziffern in die Kästchen und finde das richtige Vergleichszeichen!
2) & 3) Kreuze die richtige Fahne an: Welche Zahl passt zum Bild?
4) & 5) Übertrage die Z und E in die Tabelle und finde die richtige Zahl!
6) Schreibe die Ziffern in die Kästchen und finde das richtige Vergleichszeichen!
7) Wie viele Eier sind es alle zusammen? Schreibe es rechts in die Tabelle!

Copyright

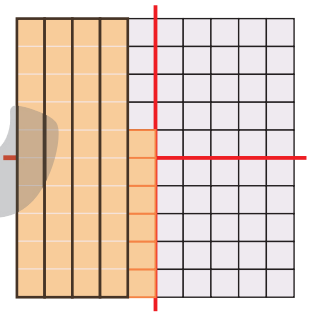
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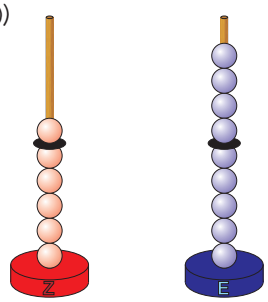
= Z E

> <

Z E =



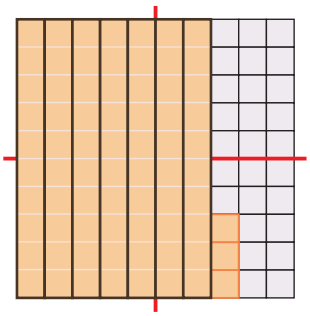
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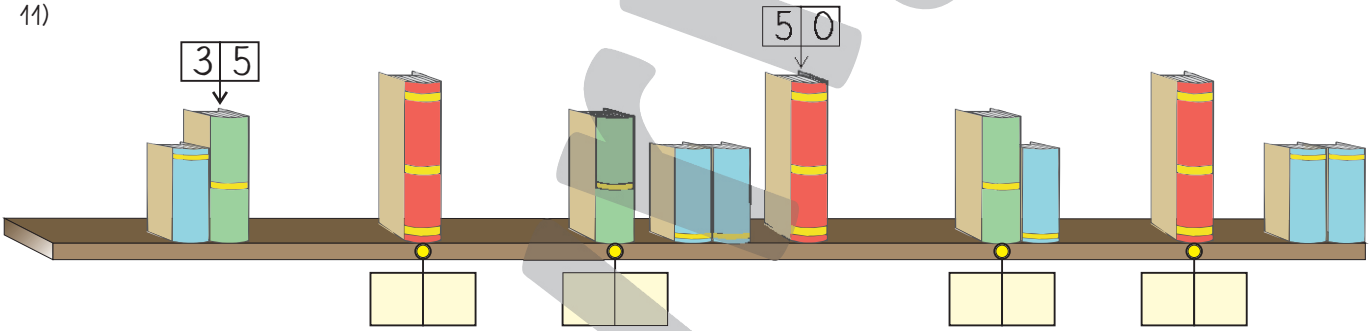
= Z E

> <

Z E =

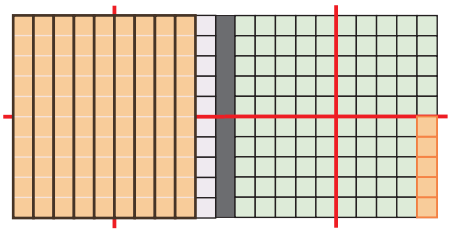


11)



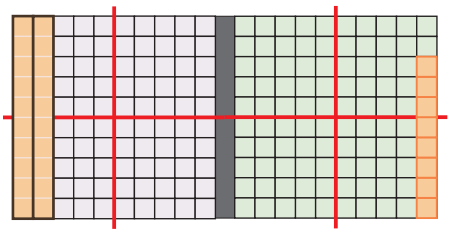
12)

Z	E		Z	E	=	Z	E		Z	E		Z	E	=	Z	E
9	0	+		5	=				9	5	−		5	=		
	5	+	9	0	=				9	5	−	9	0	=		



13)

Z	E		Z	E	=	Z	E		Z	E		Z	E	=	Z	E
2	0	+		8	=				2	8	−		8	=		
	8	+	2	0	=				2	8	−	2	0	=		



Anweisungen:

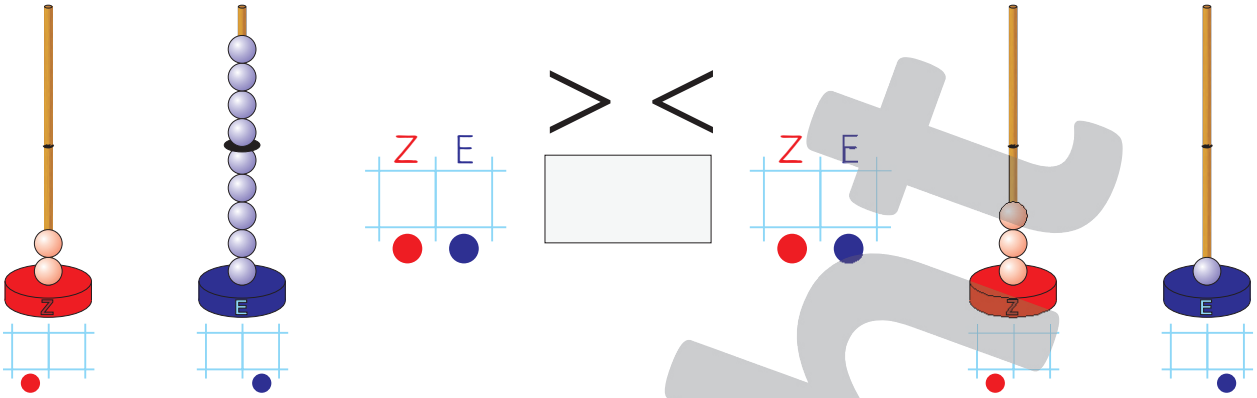
9) & 10) Schreibe die Ziffern in die Kästchen und finde das richtige Vergleichszeichen!

11) Welche Nummern haben die Bücher? Schreibe sie in die gelben Schilder!

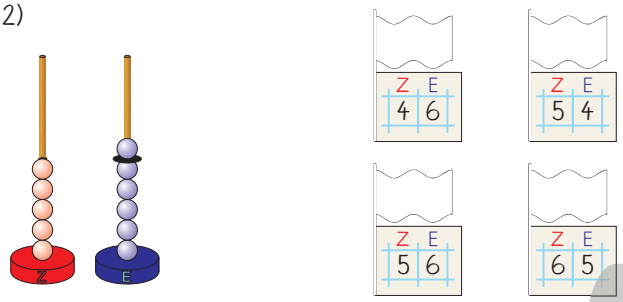
12) & 13) Rechne die Aufgaben aus und schreibe das Ergebnis in die Kästchen!

copyright

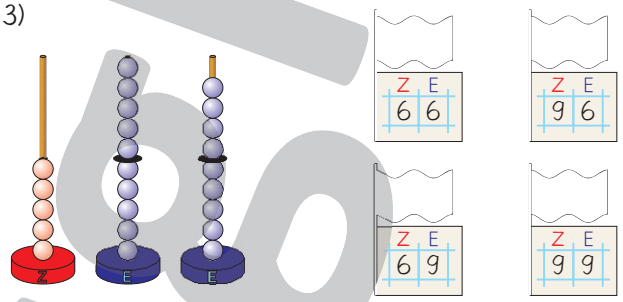
1)



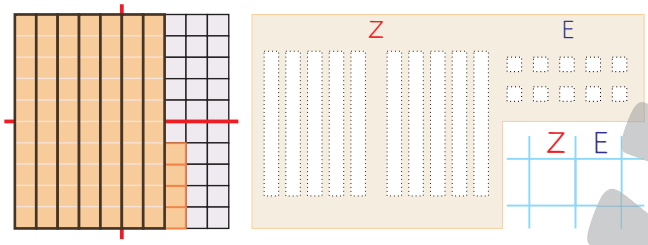
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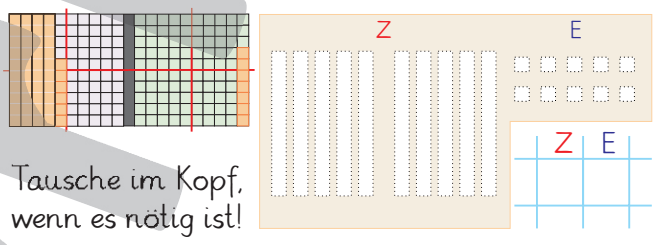
3)



4)

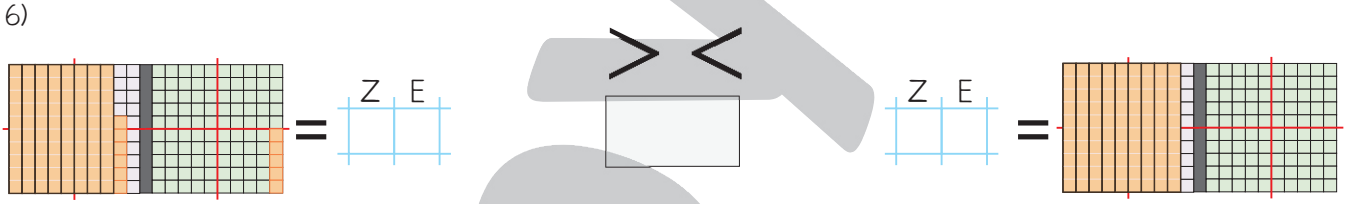


5)



Tausche im Kopf, wenn es nötig ist!

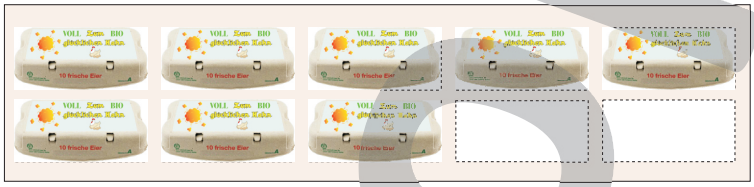
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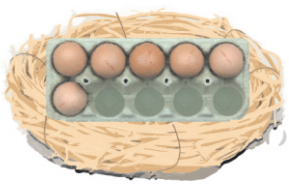


Tausche, wenn nötig!

Tausche, wenn nötig!

7)





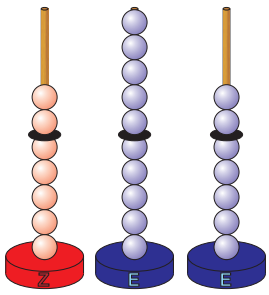
Z E

Copyright

Anweisungen:

1) Schreibe die Ziffern in die Kästchen und finde das richtige Vergleichszeichen!
2) & 3) Kreuze die richtige Fahne an: Welche Zahl passt zum Bild?
4) & 5) Übertrage die Z und E in die Tabelle und finde die richtige Zahl!
6) Schreibe die Ziffern in die Kästchen und finde das richtige Vergleichszeichen!
7) Wie viele Eier sind es alle zusammen? Schreibe es rechts in die Tabelle!

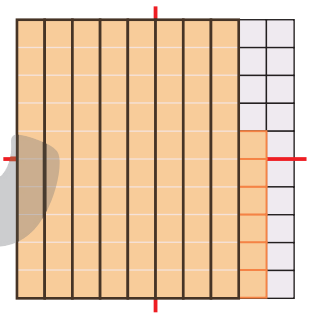
9)



= Z E

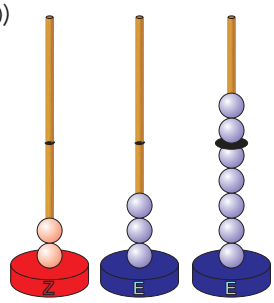
> <

Z E =



Tausche zuerst, wenn nötig!

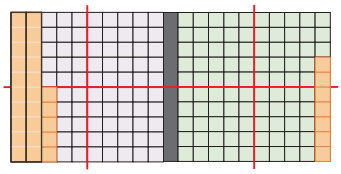
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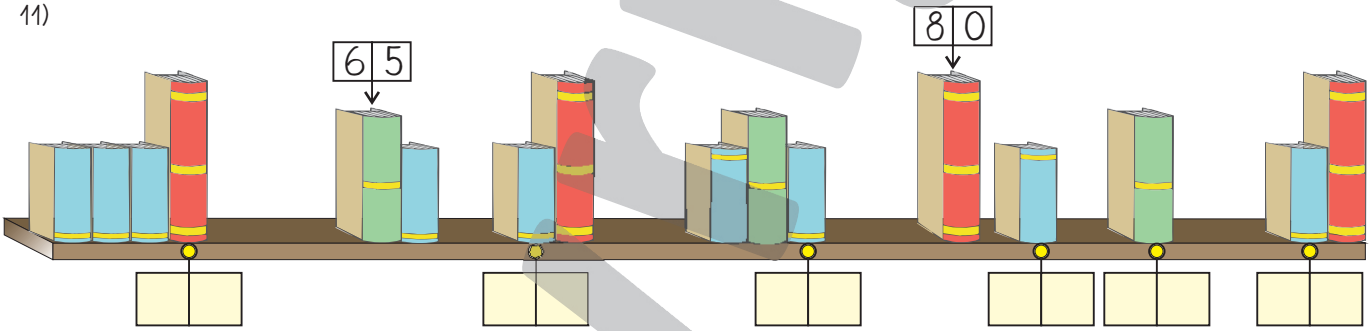
= Z E

> <

Z E =



11)



12)

Z	E		Z	E		Z	E
7	0	+			=	7	6
Z	E		Z	E		Z	E
7	6	−		6	=		
Z	E		Z	E		Z	E
		+		6	=	7	6
Z	E		Z	E		Z	E
7	6	−			=		6

13)

Z	E		Z	E		Z	E
		+		3	=	4	3
Z	E		Z	E		Z	E
4	3	−		3	=		
Z	E		Z	E		Z	E
	3	+			=	4	3
Z	E		Z	E		Z	E
		−	4	0	=		3

14)

Z	E		Z	E		Z	E
1	7	−			=	1	0
Z	E		Z	E		Z	E
1	0	+		7	=		
Z	E		Z	E		Z	E
		−	1	0	=		7
Z	E		Z	E		Z	E
	7	+			=	1	7

Anweisungen:

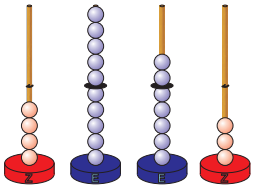
9) & 10) Schreibe die Ziffern in die Kästchen und finde das richtige Vergleichszeichen!

11) Welche Nummern haben die Bücher? Schreibe sie in die gelben Schilder!

12), 13) & 14) Rechne die Aufgaben aus und schreibe das Ergebnis in die Kästchen!

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15)



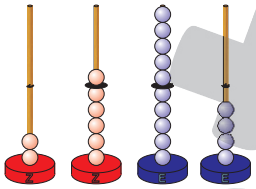
Z	E
4	3

Z	E
8	7

Z	E
7	8

Z	E
7	7

16)



Z	E
4	9

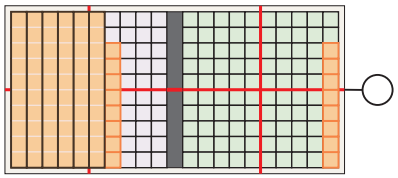
Z	E
6	6

Z	E
6	4

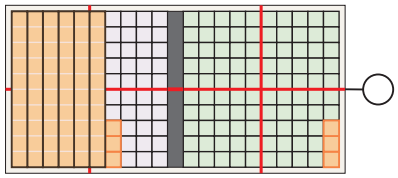
Z	E
9	4

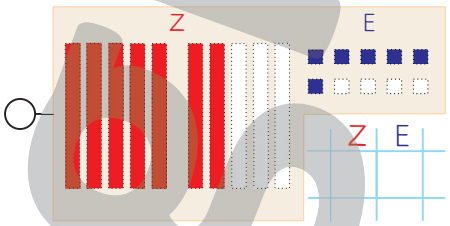
17)

A

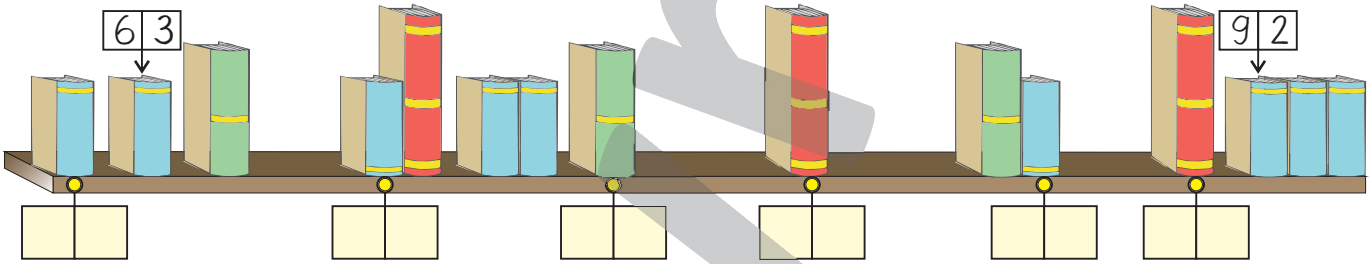


B





18)



19)

Z	E		Z	E	=	Z	E
		+		2	=	2	2
2	2	−			=		2
	2	+			=	2	2
		−		6	=	2	0

20)

Z	E		Z	E	=	Z	E
8	1	−			=	8	0
		+	8	0	=	8	1
		−	8	0	=		1
8	0	+			=	8	1

21)

Z	E		Z	E	=	Z	E
7	0	+			=	7	6
		+	7	0	=	7	6
		−	7	0	=		6
7	6	−			=	7	0

<u>Anweisungen:</u>

15) & 16) Kreuze die richtige Fahne an: Welche Zahl passt zum Bild?

17) Welcher Rechenrahmen (A oder B) passt zur rechten Tabelle? Verbinde die Kreise!

18) Welche Nummern haben die Bücher? Schreibe sie in die gelben Schilder!

19), 20) & 21) Rechne die Aufgaben aus und schreibe das Ergebnis in die Kästchen!

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Christian Bussebaum / Wolfgang Hoffmann / Dr. Michael Wehrmann



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