Das

Mathe-Inklusions-Paket

Lösungen

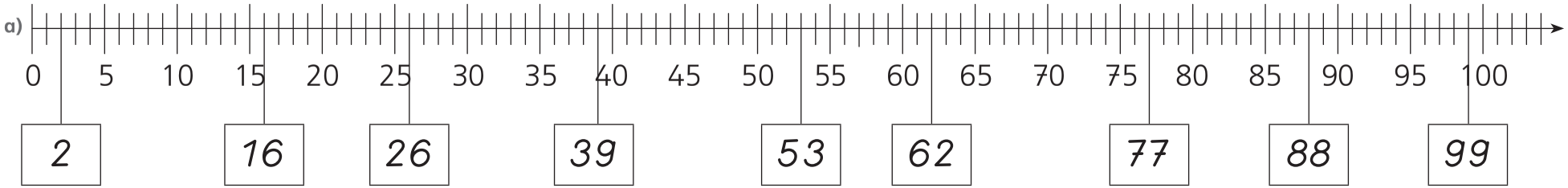
von Nina und Hendrik Simon

3

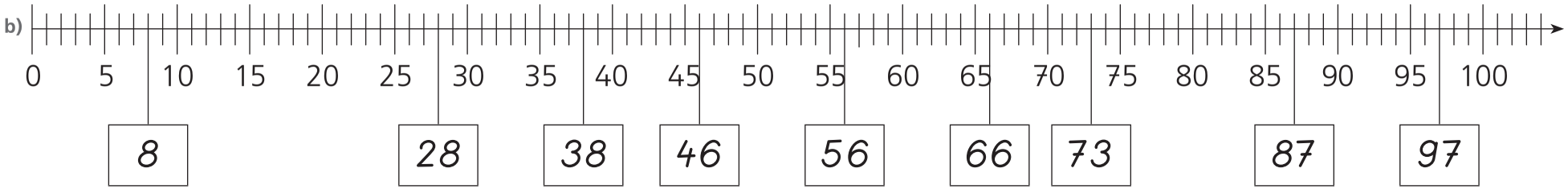
Mildenberger

1 Setze die passenden Zahlen ein.

a)

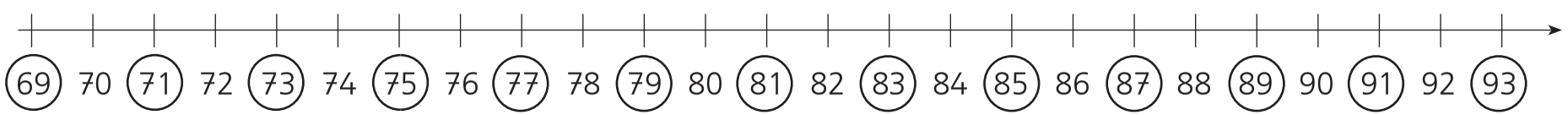


b)



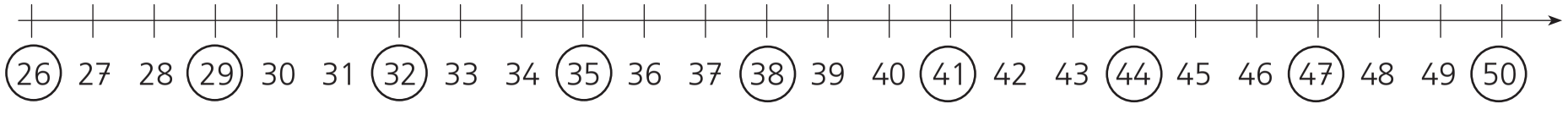
1 Setze die Zahlenfolgen fort.

a)



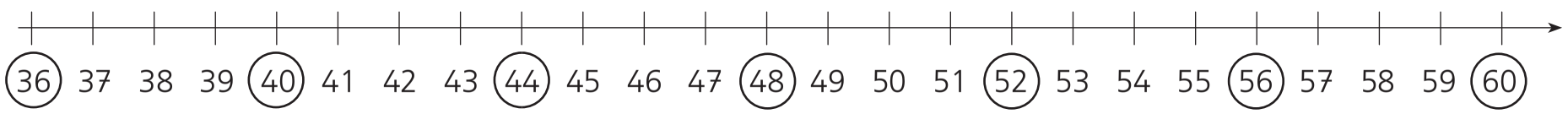
69 , 71 , 73 , 75 , 77 , 79 , 81

b)



26 , 29 , 32 , 35 , 38 , 41 , 44

c)



36 , 40 , 44 , 48 , 52 , 56 , 60

1 Setze die fehlenden Zahlen ein.

13	14	15	16	17
49	50	51	52	53
88	89	90	91	92

53	54	55	56	57
27	28	29	30	31
76	77	78	79	80

44	45	46	47	48
66	67	68	69	70
89	90	91	92	93

2 Setze die fehlenden Zahlen ein.

41	42	43	44	45	46	47	48	49
81	82	83	84	85	86	87	88	89
59	60	61	62	63	64	65	66	67
21	22	23	24	25	26	27	28	29

3 Welche Zahl kommt davor und danach?

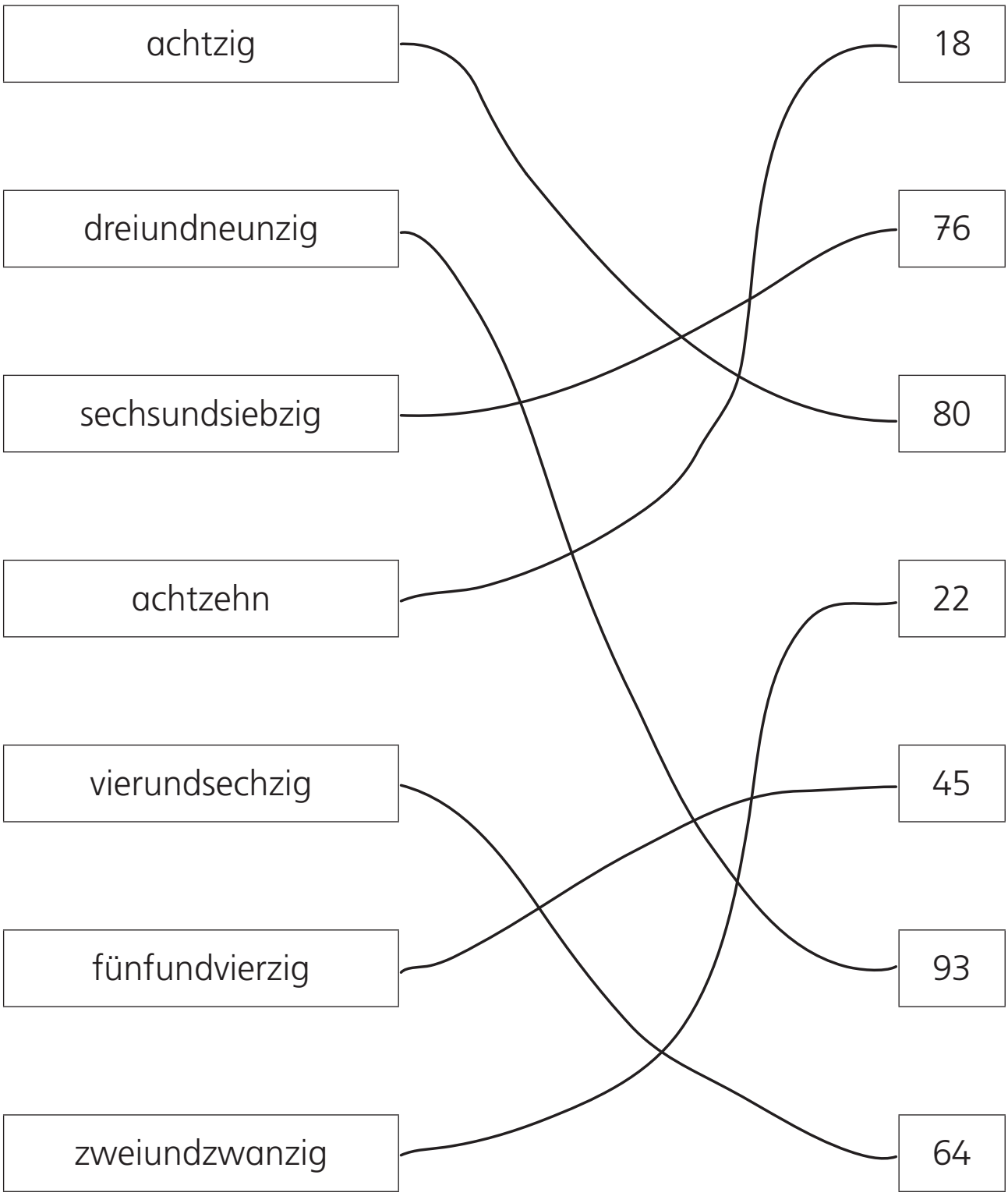
9	10	11
33	34	35
22	23	24
51	52	53
69	70	71

20	21	22
54	55	56
46	47	48
62	63	64
31	32	33

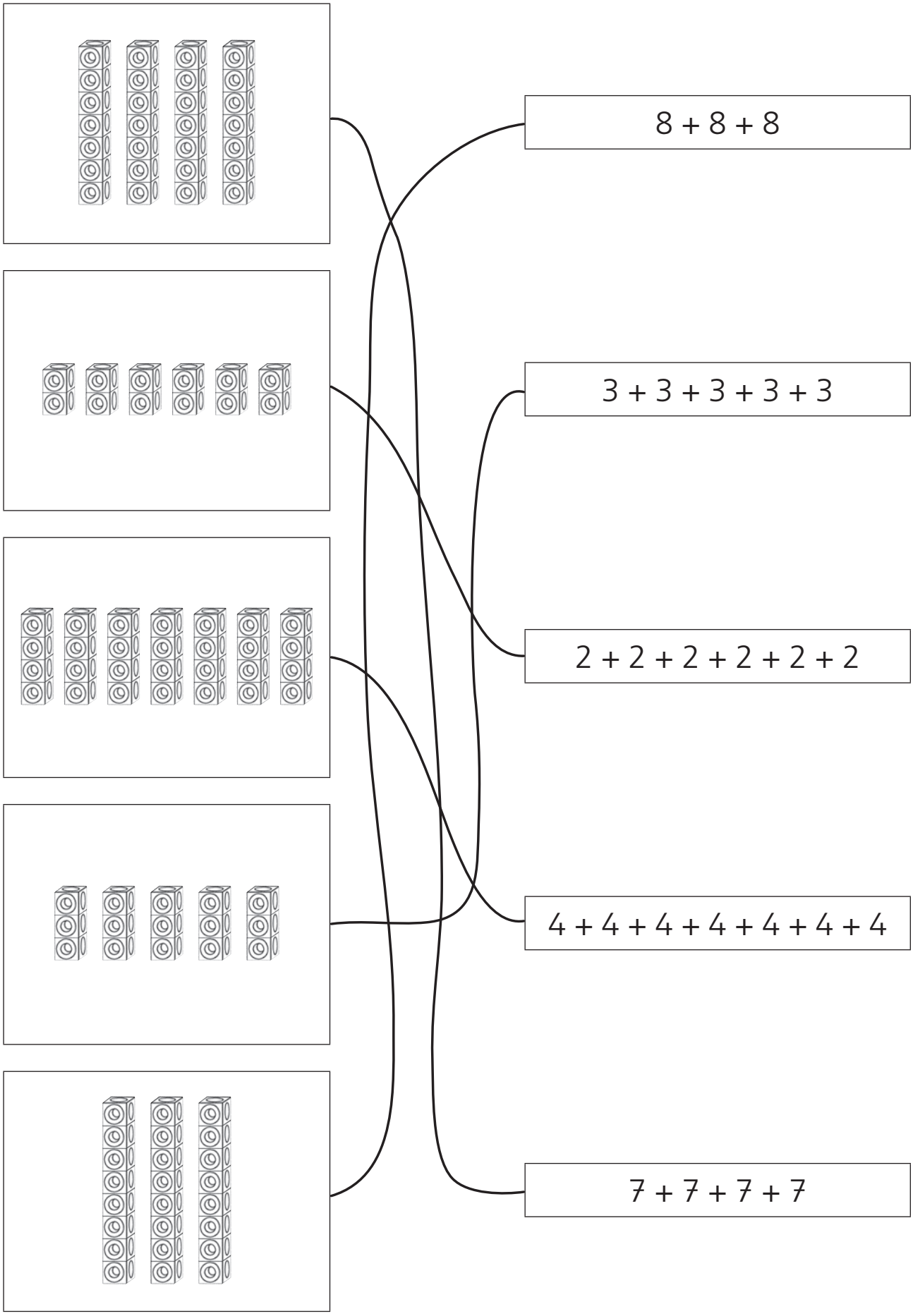
55	56	57
83	84	85
87	88	89
47	48	49
90	91	92

75	76	77
18	19	20
93	94	95
28	29	30
84	85	86

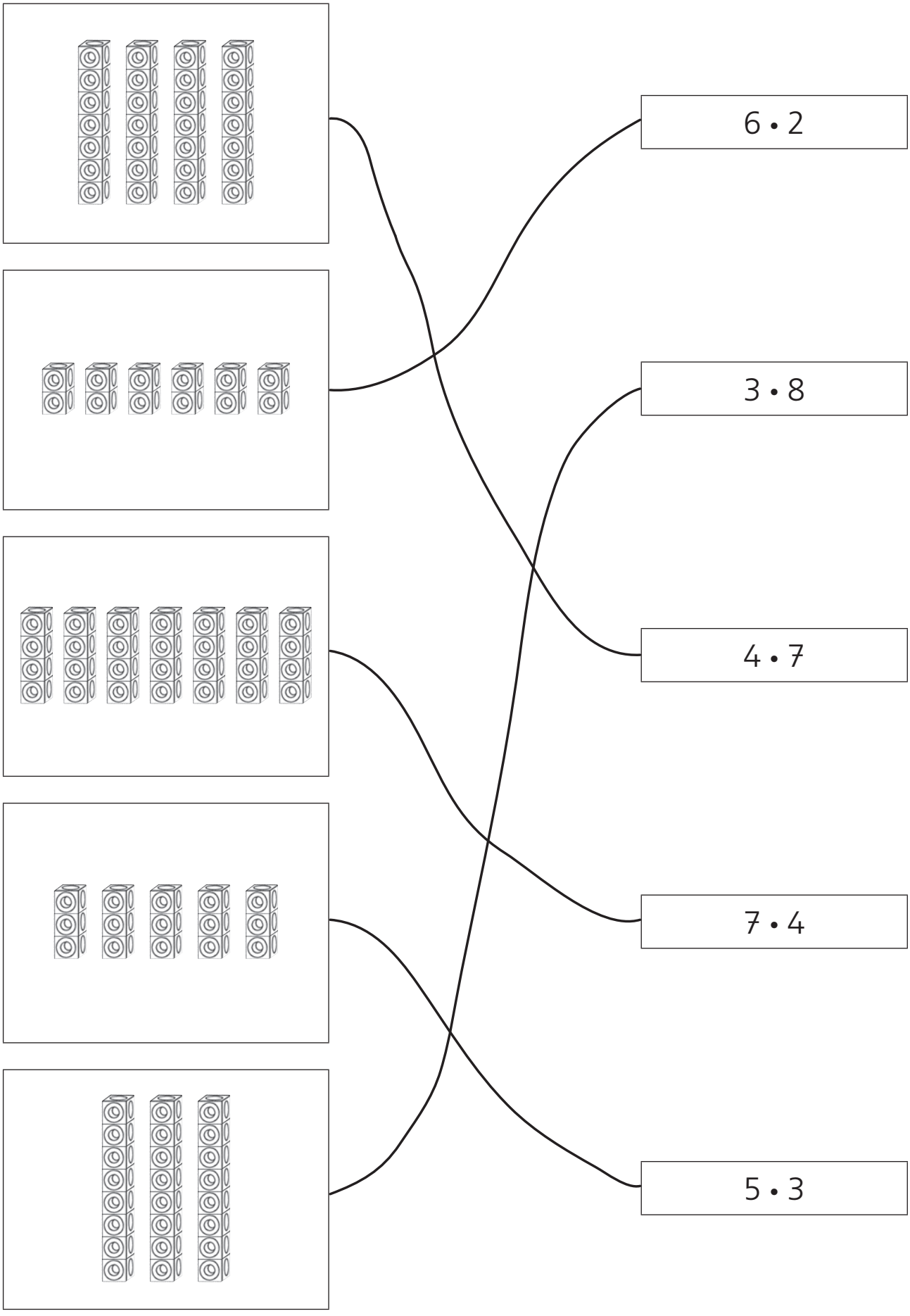
1 Was gehört zusammen? Verbinde.



1 Was gehört zusammen? Verbinde.

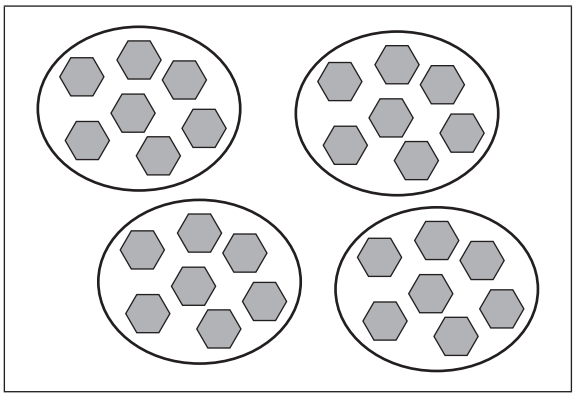


1 Was gehört zusammen? Verbinde.



1 Schreibe zu jeder Plusaufgabe die passende Malaufgabe. Rechne.

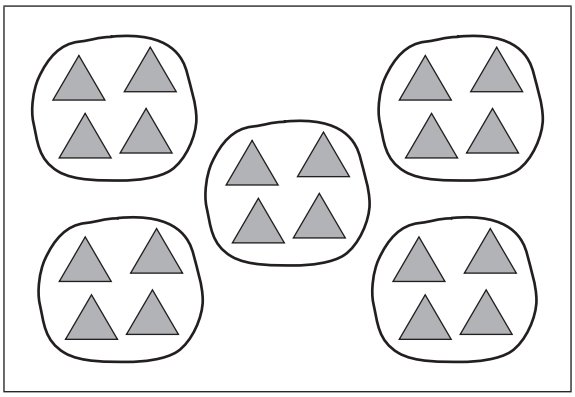
a)



7 + 7 + 7 + 7 = 28

4 • 7 = 28

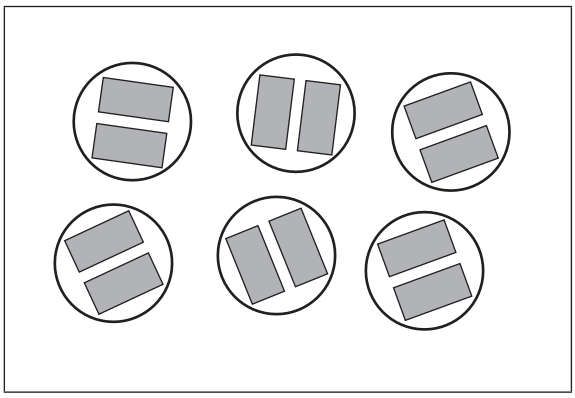
b)



4 + 4 + 4 + 4 + 4 = 20

5 • 4 = 20

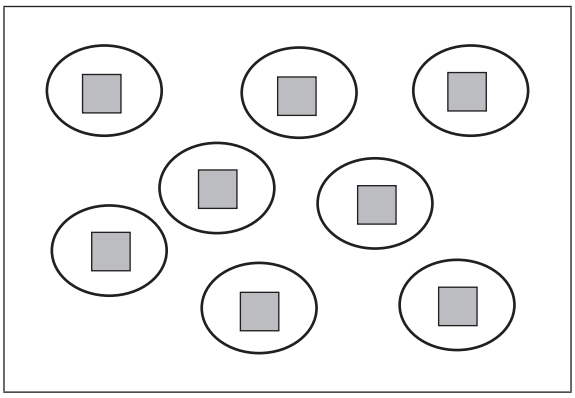
c)



2 + 2 + 2 + 2 + 2 + 2 = 12

6 • 2 = 12

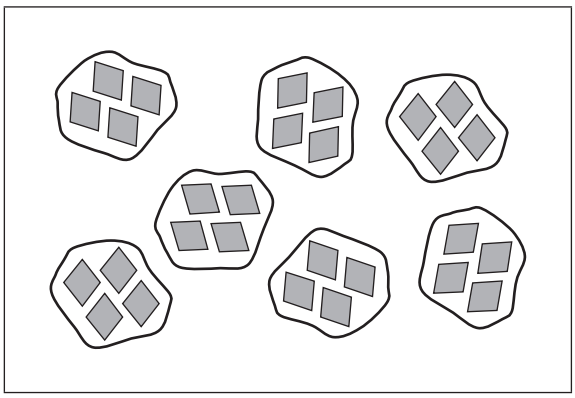
d)



1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 = 8

8 • 1 = 8

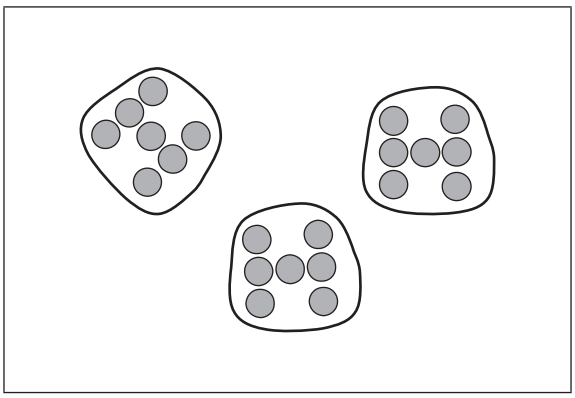
e)



4 + 4 + 4 + 4 + 4 + 4 + 4 = 28

7 • 4 = 28

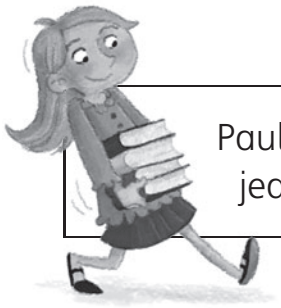
f)



7 + 7 + 7 = 21

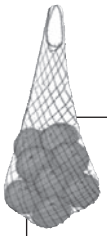
3 • 7 = 21

1 Was gehört zusammen? Verbinde.



Paula geht dreimal. Sie bringt jedes Mal 4 Bücher mit.

Nils baut 8 Türme mit je 3 Münzen.



Es sind 2 Netze. In jedem Netz sind 8 Orangen.

Es sind 3 Kartons. In jedem Karton sind 6 Eier.

3 • 6 = 18

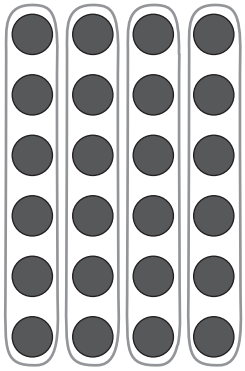
2 • 8 = 16

3 • 4 = 12

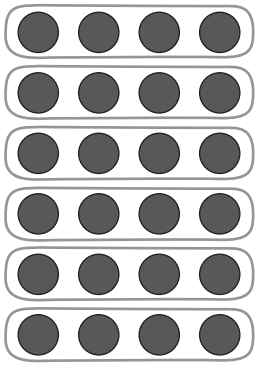
8 • 3 = 24

1 Zu jedem Punktebild gibt es immer zwei Malaufgaben. Zeichne ein und rechne.

a)

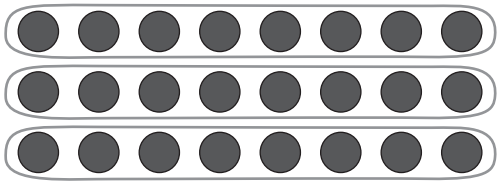


$4 \cdot 6 = 24$

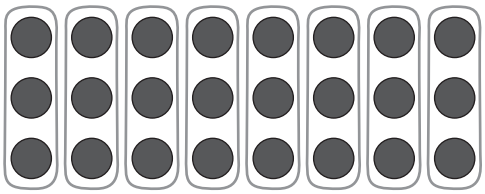


$6 \cdot 4 = 24$

b)

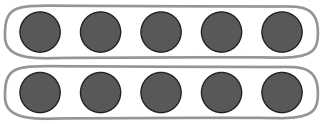


$3 \cdot 8 = 24$

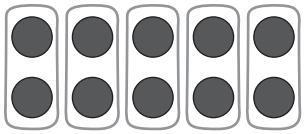


$8 \cdot 3 = 24$

c)

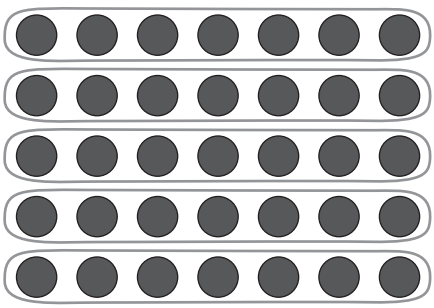


$2 \cdot 5 = 10$

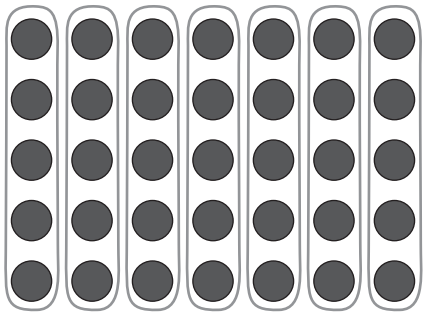


$5 \cdot 2 = 10$

d)



$5 \cdot 7 = 35$

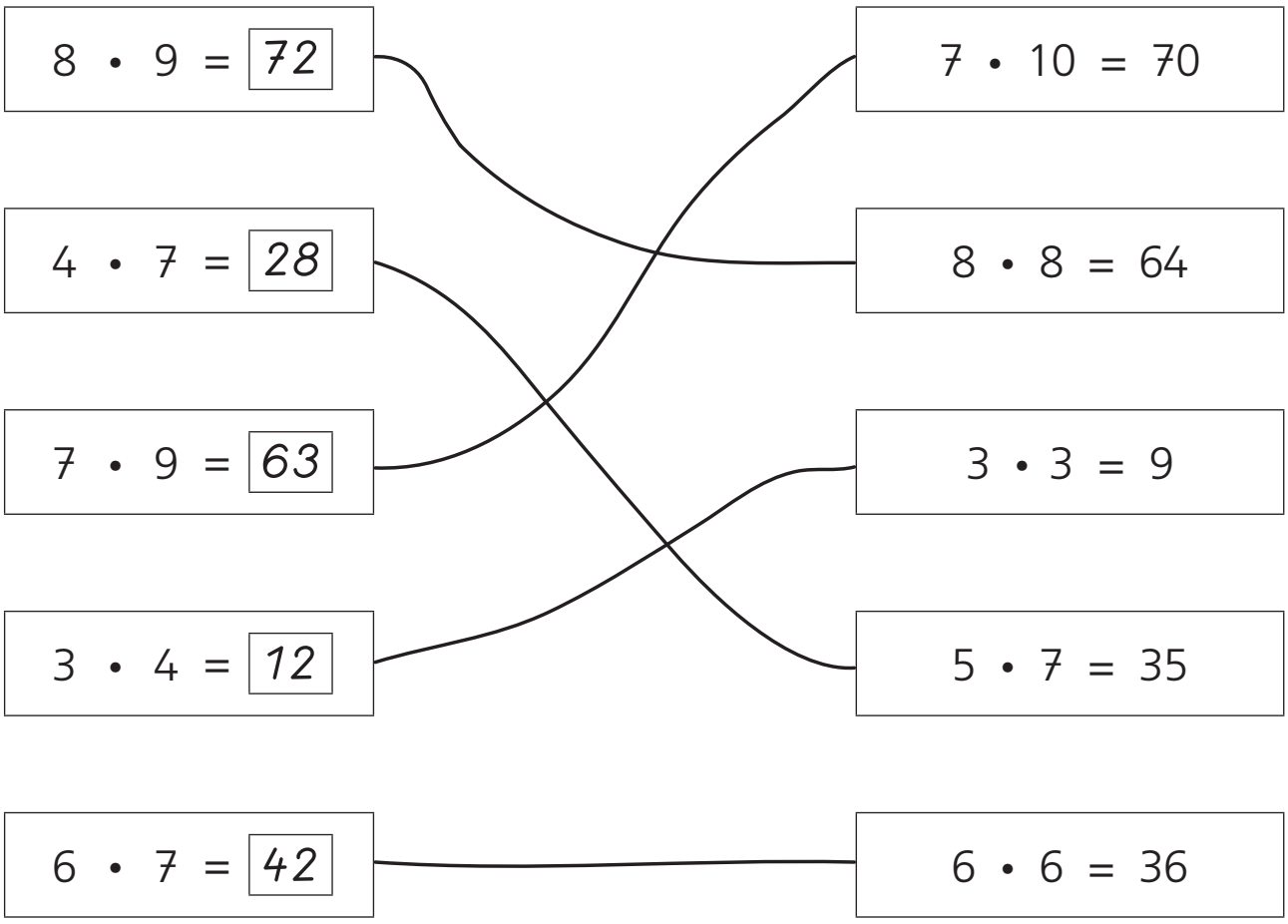


$7 \cdot 5 = 35$

1 Rechne. Die Kernaufgabe hilft dir.

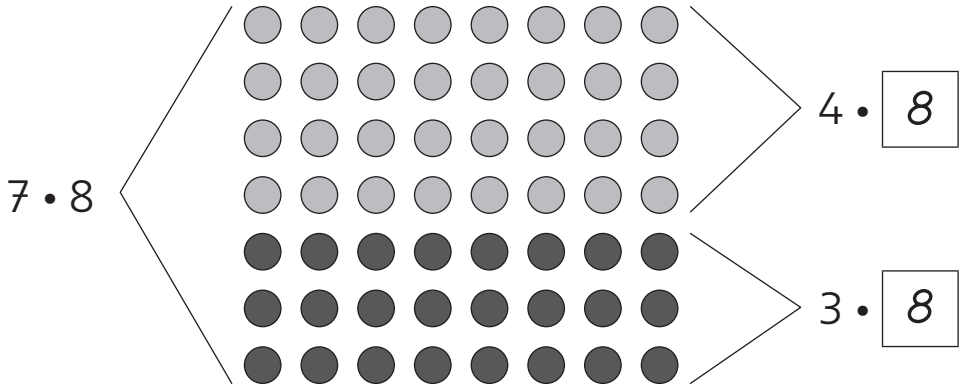
9 • 3 = 27	4 • 7 = 28	9 • 4 = 36
10 • 3 = 30	5 • 7 = 35	10 • 4 = 40
3 • 7 = 21	4 • 6 = 24	9 • 8 = 72
2 • 7 = 14	5 • 6 = 30	10 • 8 = 80
8 • 3 = 24	3 • 8 = 24	4 • 9 = 36
10 • 3 = 30	2 • 8 = 16	5 • 9 = 45

2 Verbinde mit der passenden Hilfsaufgabe.



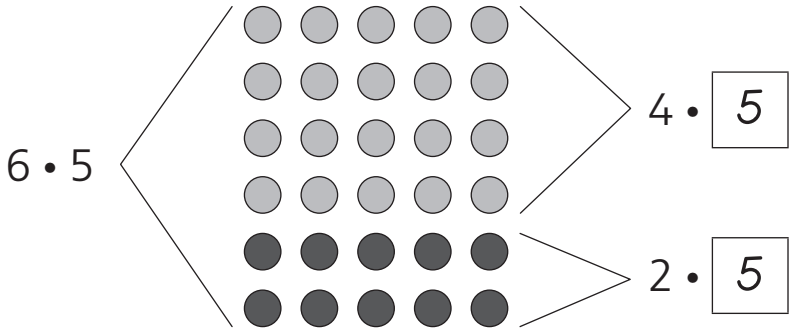
1 Schreibe zu jedem Punktebild die Malaufgabe und die Zerlegung.

a)



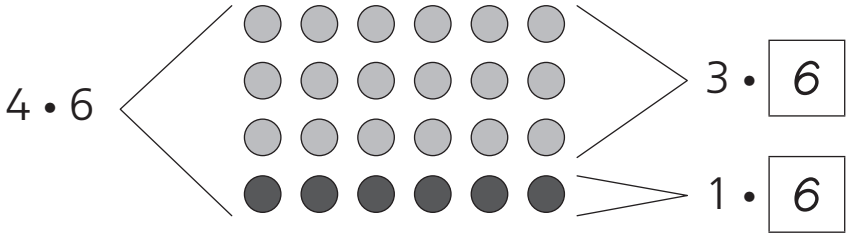
$7 \cdot 8 = 4 \cdot \boxed{8} + 3 \cdot \boxed{8}$

b)



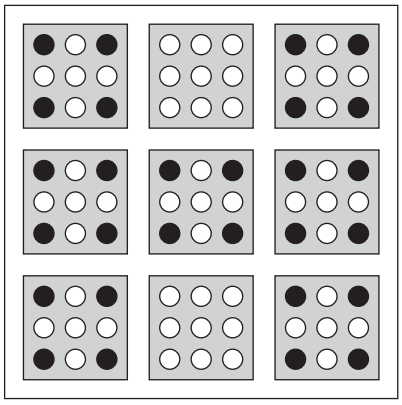
$6 \cdot 5 = 4 \cdot \boxed{5} + 2 \cdot \boxed{5}$

c)

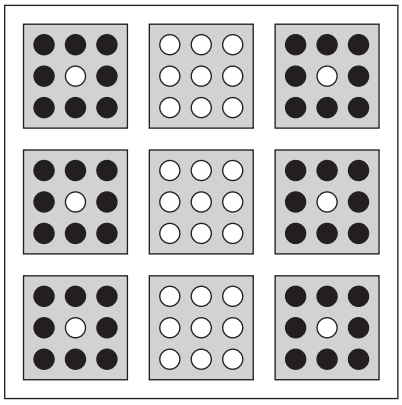


$4 \cdot 6 = 3 \cdot \boxed{6} + 1 \cdot \boxed{6}$

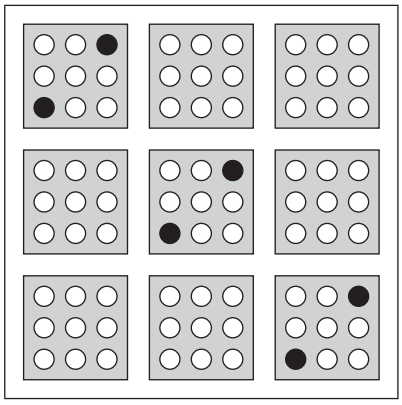
1 Male die Punkte passend zur Aufgabe aus und rechne.



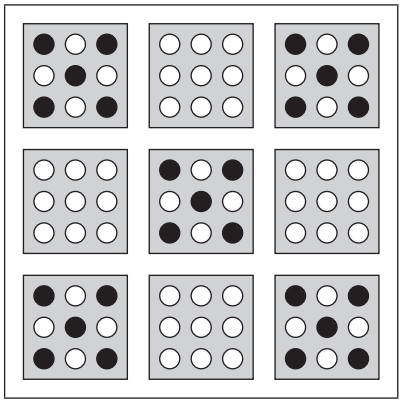
7 • 4 = 28



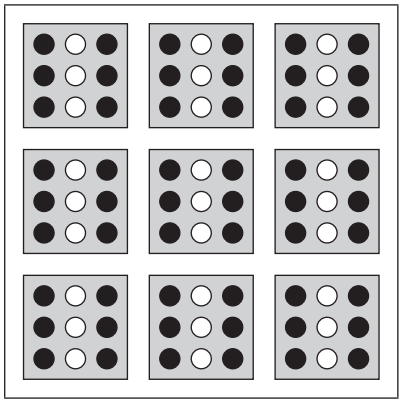
6 • 8 = 48



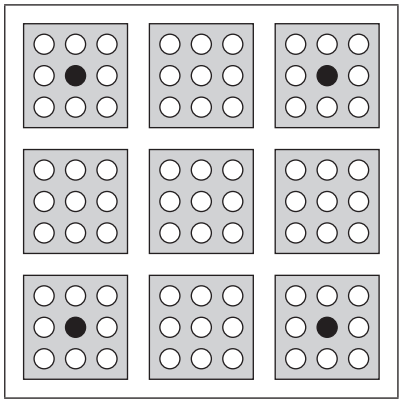
3 • 2 = 6



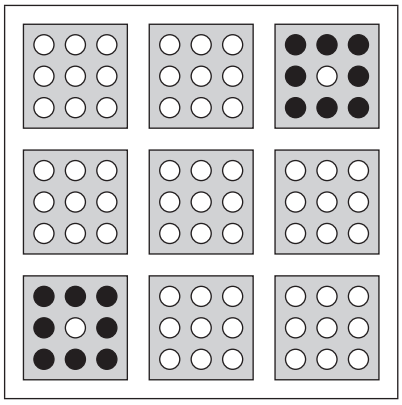
5 • 5 = 25



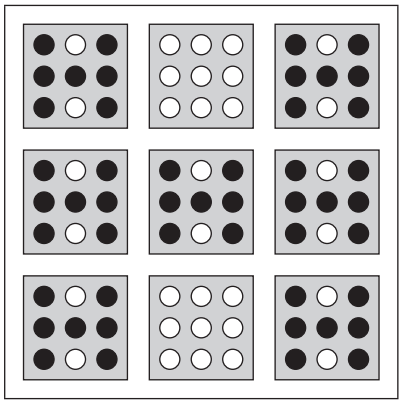
9 • 6 = 54



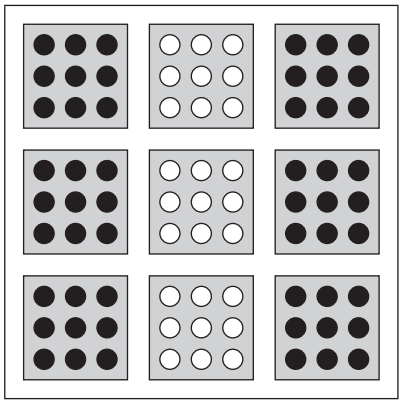
4 • 1 = 4



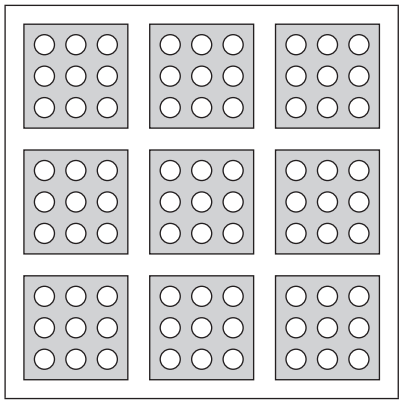
2 • 8 = 16



7 • 7 = 49



6 • 9 = 54



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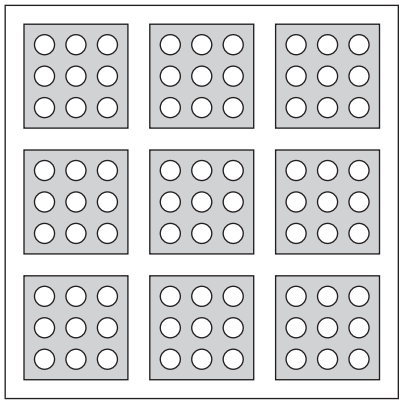

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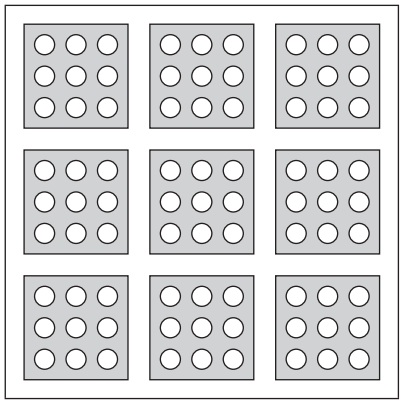

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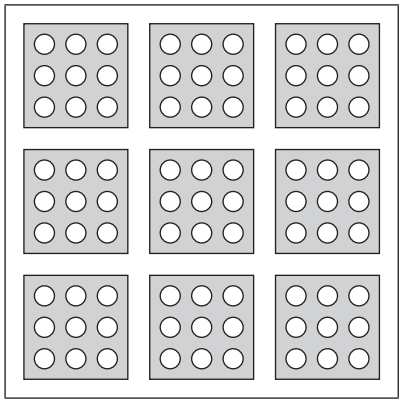

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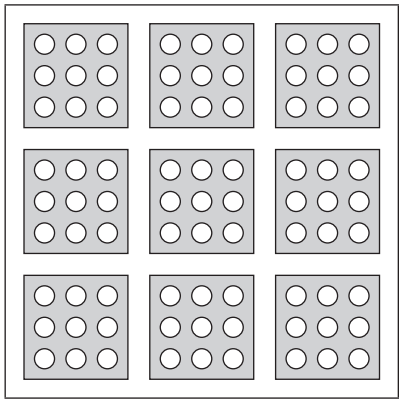

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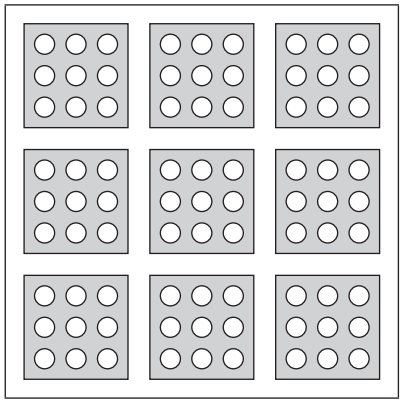

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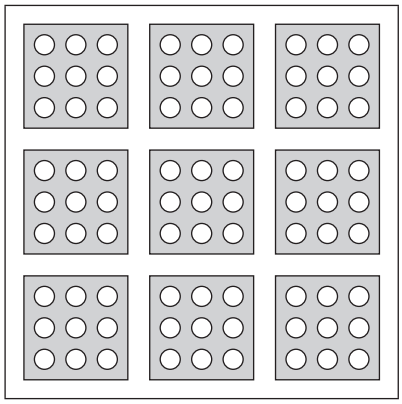

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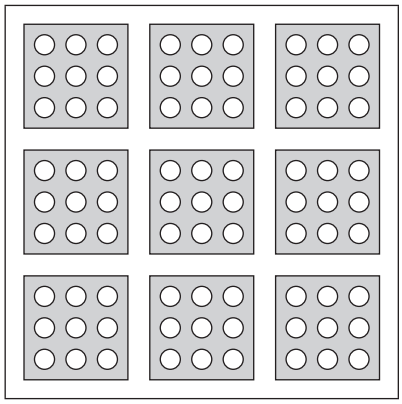

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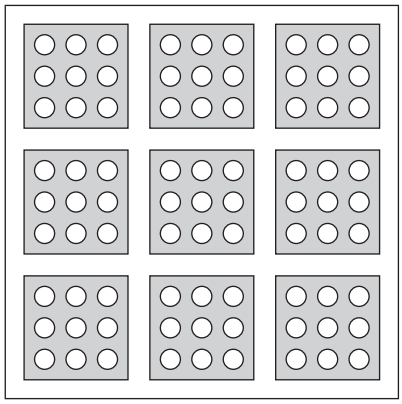

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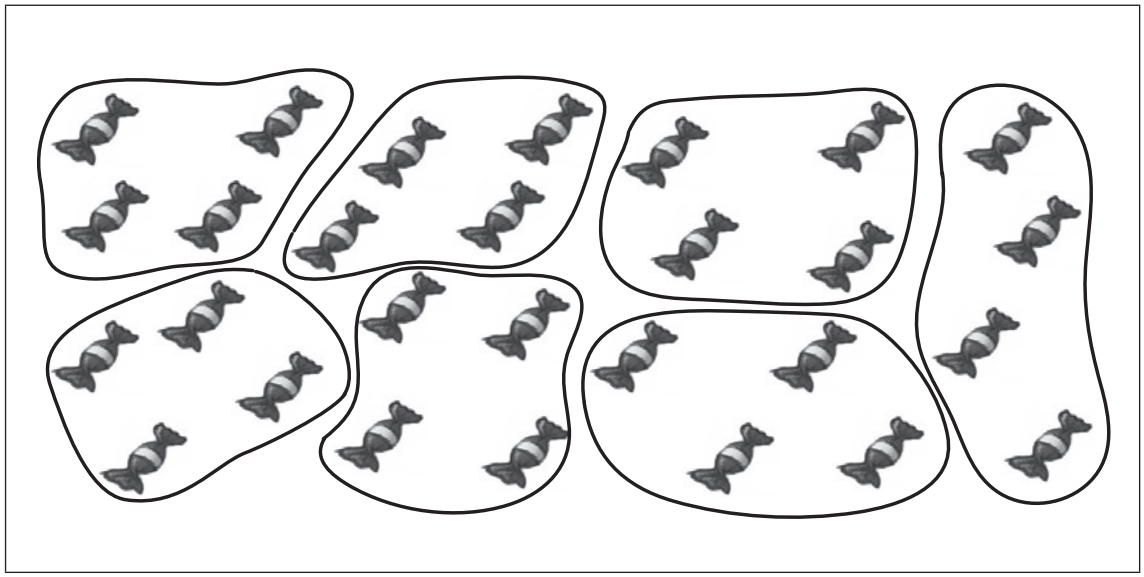
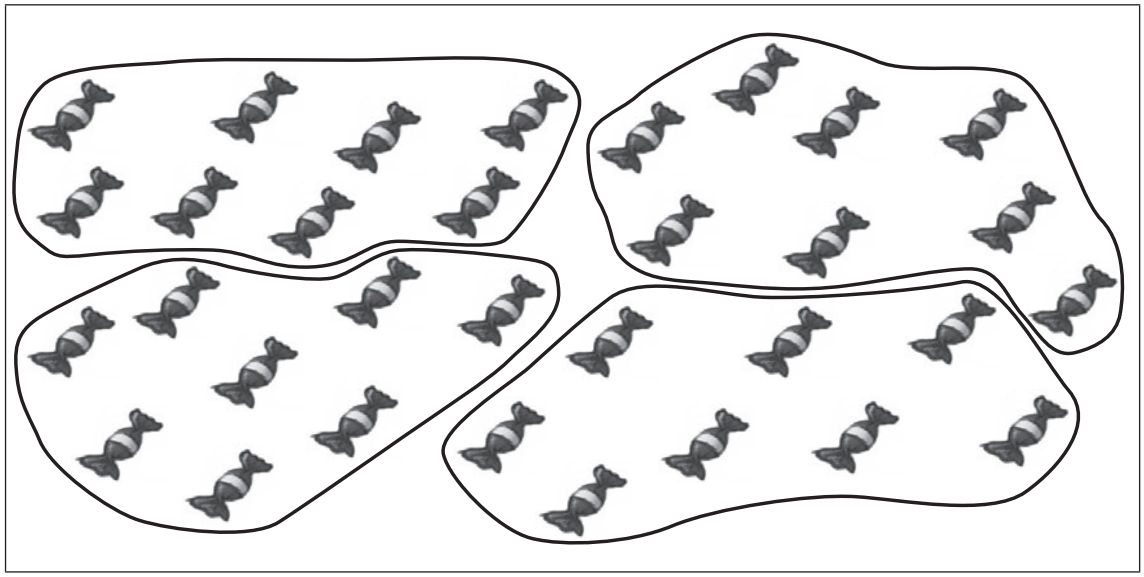
1 a) Teile die Bonbons in 4er-Gruppen auf.
Wie viele Gruppen kannst du bilden?



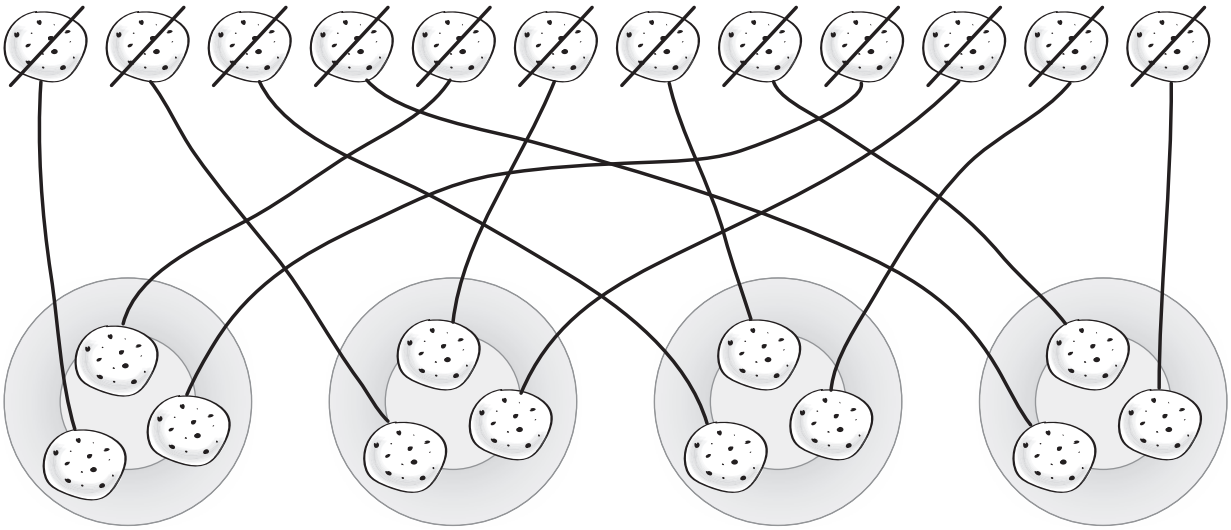
Ich kann 7 Gruppen bilden.

b) Teile die Bonbons in 8er-Gruppen auf.
Wie viele Gruppen kannst du bilden?



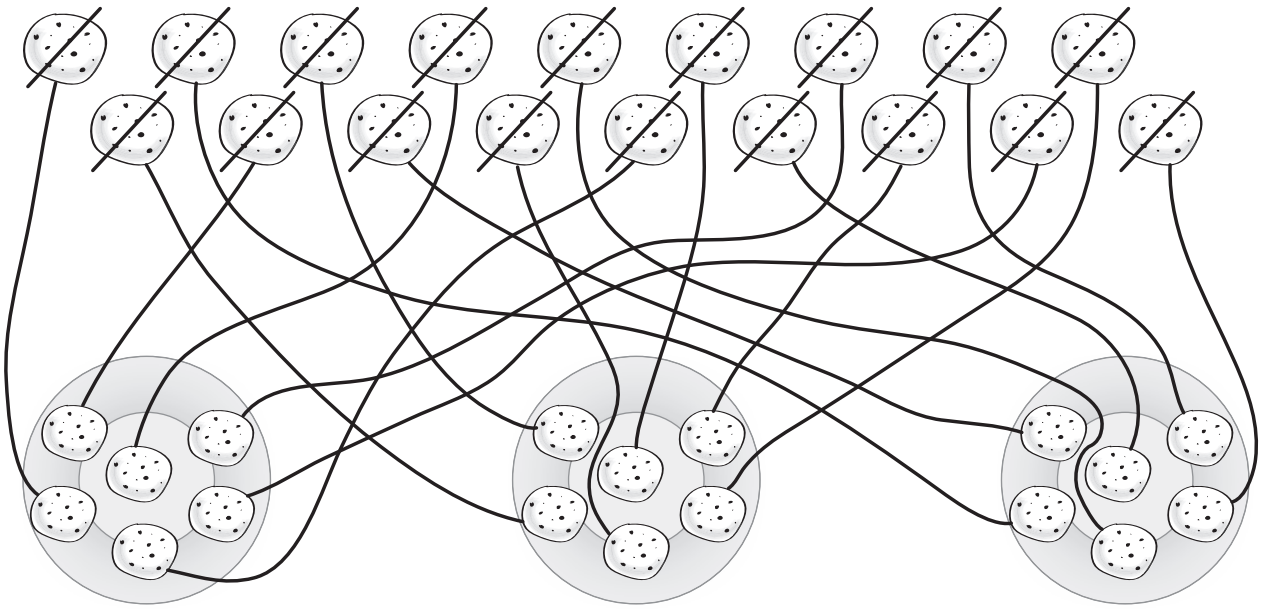
Ich kann 4 Gruppen bilden.

1 **a)** 12 Kekse sollen gerecht auf 4 Teller verteilt werden.
Wie viele Kekse kommen auf jeden Teller?



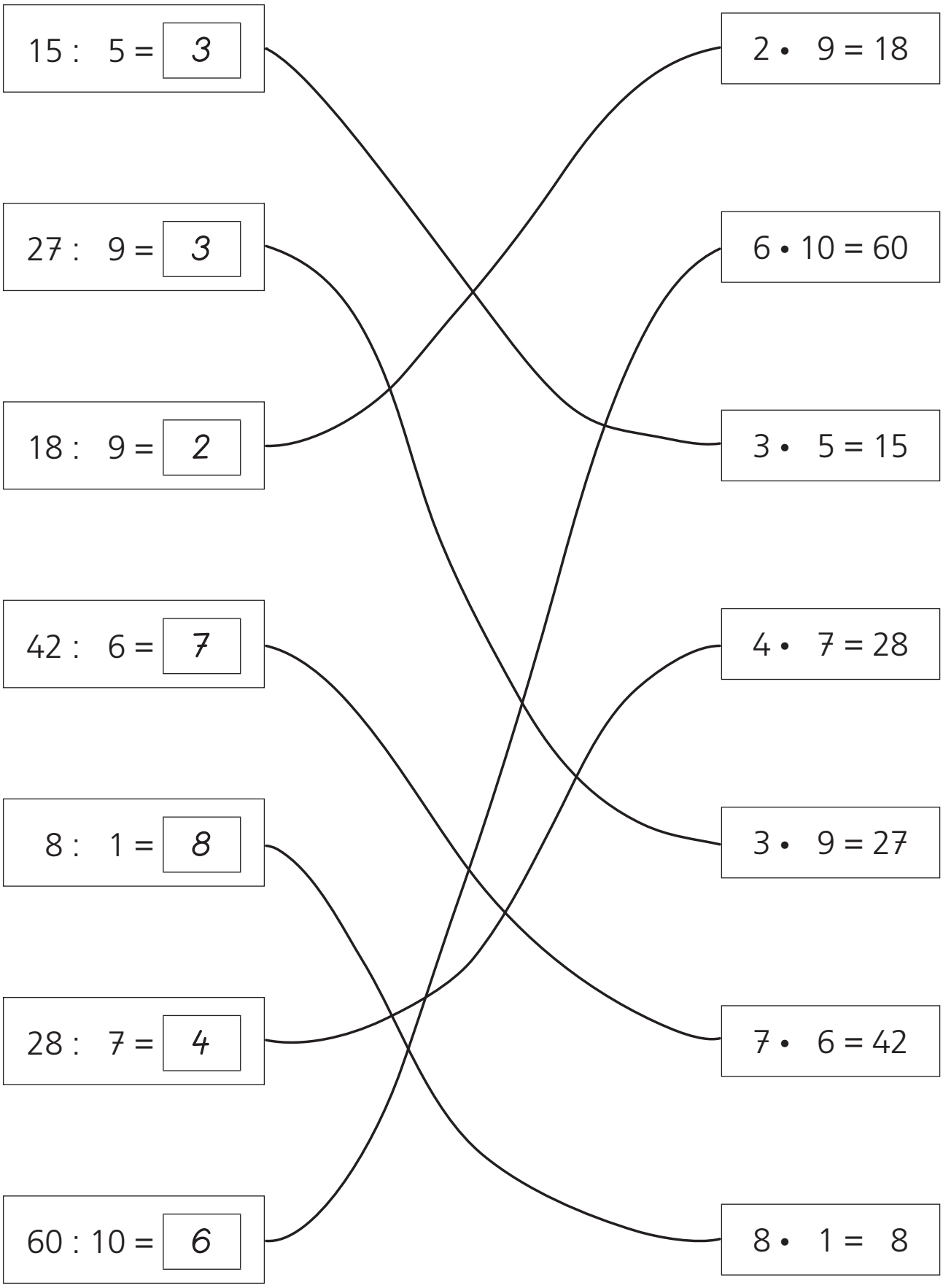
Auf jeden Teller kommen | 3 | Kekse.

b) 18 Kekse sollen gerecht auf 3 Teller verteilt werden.
Wie viele Kekse kommen auf jeden Teller?



Auf jeden Teller kommen | 6 | Kekse.

1 Verbinde mit der passenden Umkehraufgabe. Rechne.



1 Ergänze die Aufgabenfamilie.

a)

6	5	30

6 • 5 = 30

5 • 6 = 30

30 : 6 = 5

30 : 5 = 6

b)

7	4	28

7 • 4 = 28

4 • 7 = 28

28 : 7 = 4

28 : 4 = 7

c)

3	9	27

3 • 9 = 27

9 • 3 = 27

27 : 3 = 9

27 : 9 = 3

d)

8	2	16

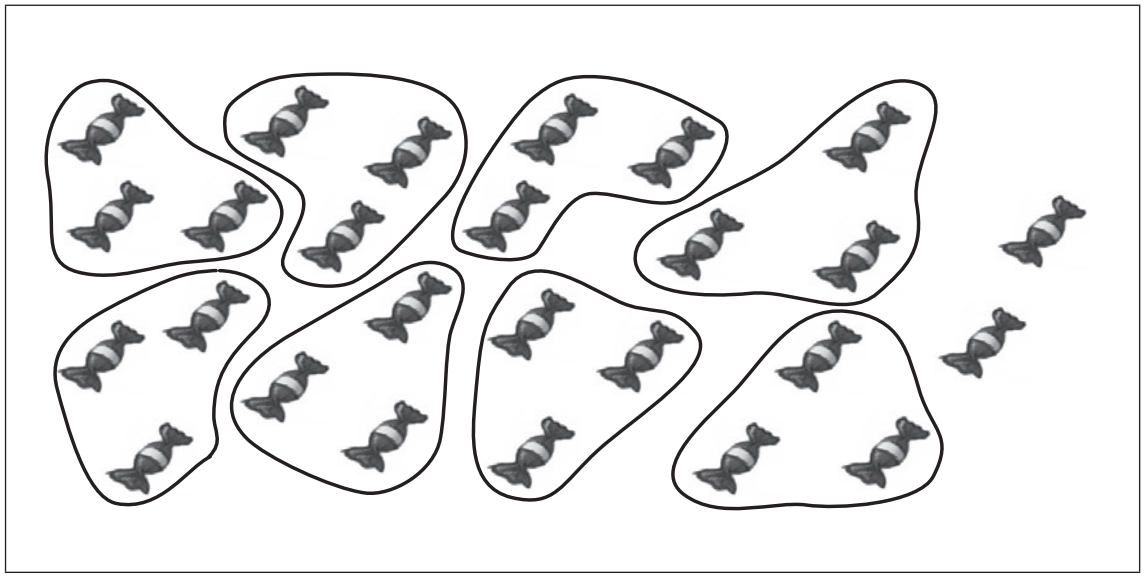
8 • 2 = 16

2 • 8 = 16

16 : 8 = 2

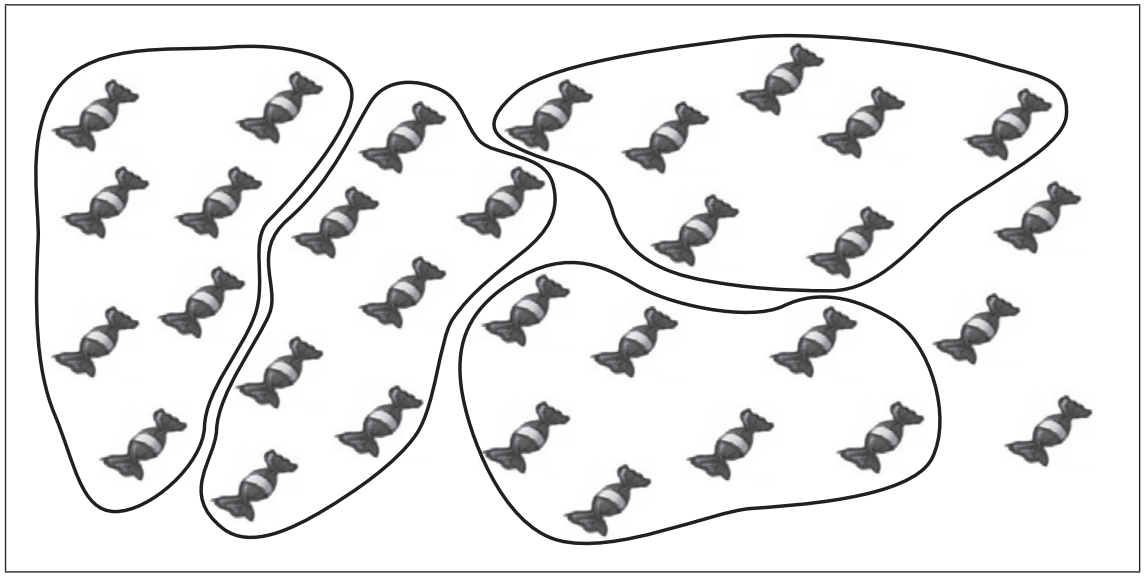
16 : 2 = 8

1 a) Teile die Bonbons in 3er-Gruppen auf.
Wie viele Gruppen kannst du bilden und wie viele Bonbons bleiben übrig?



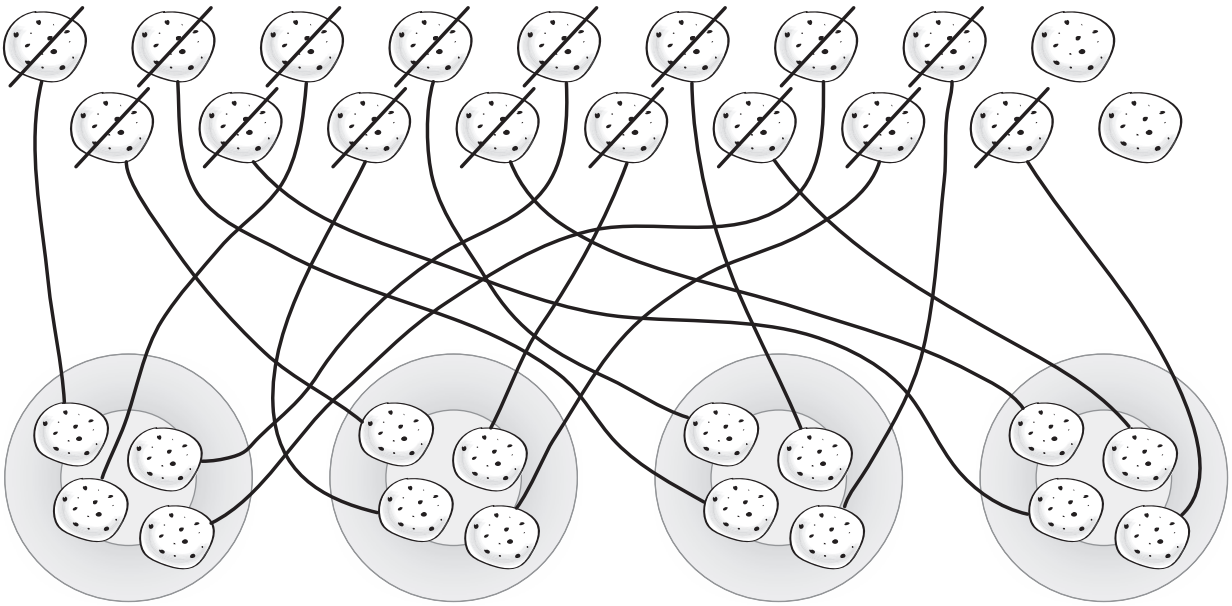
Ich kann 8 3er-Gruppen bilden und es bleiben 2 Bonbons übrig.

b) Teile die Bonbons in 7er-Gruppen auf.
Wie viele Gruppen kannst du bilden und wie viele Bonbons bleiben übrig?



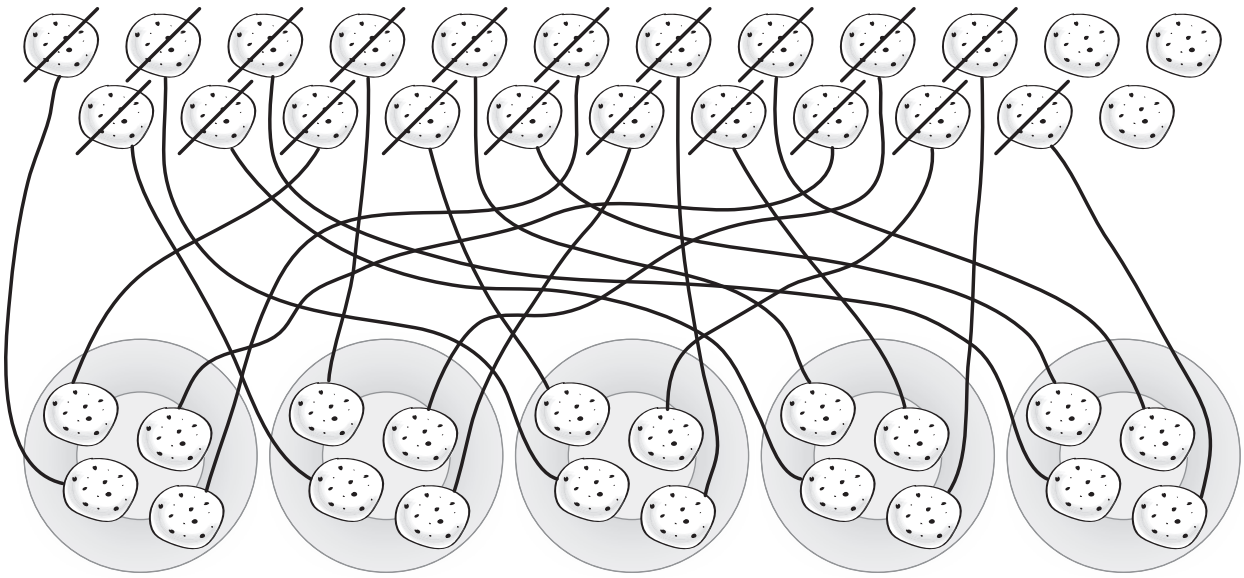
Ich kann 4 7er-Gruppen bilden und es bleiben 3 Bonbons übrig.

1 a) 18 Kekse sollen gerecht auf 4 Teller verteilt werden. Wie viele Kekse kommen auf jeden Teller und wie viele Kekse bleiben übrig?



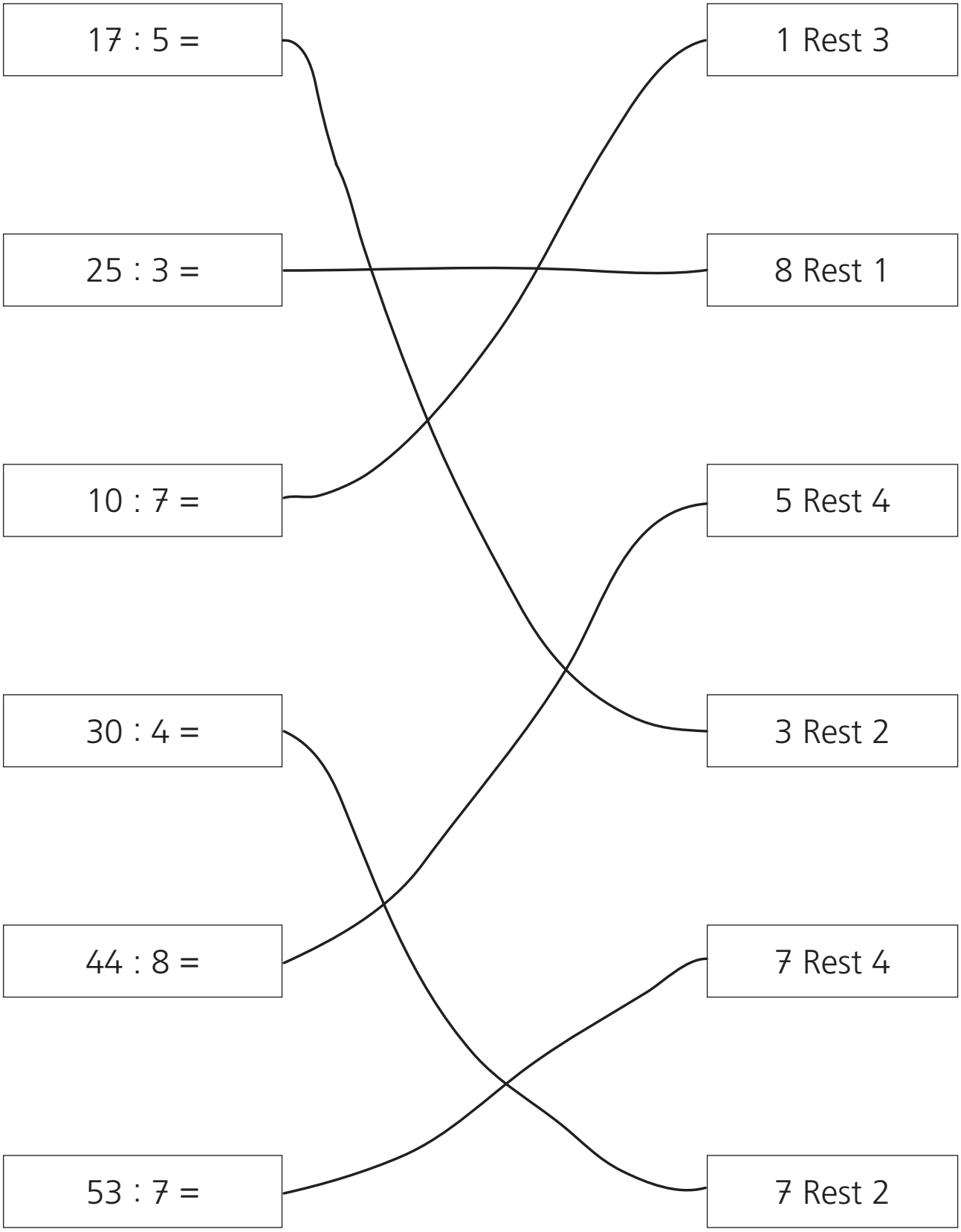
Auf jeden Teller kommen 4 Kekse und es bleiben 2 Kekse übrig.

b) 23 Kekse sollen gerecht auf 5 Teller verteilt werden. Wie viele Kekse kommen auf jeden Teller und wie viele Kekse bleiben übrig?



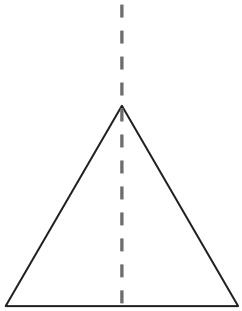
Auf jeden Teller kommen 4 Kekse und es bleiben 3 Kekse übrig.

1 Verbinde jede Aufgabe mit dem passenden Ergebnis.



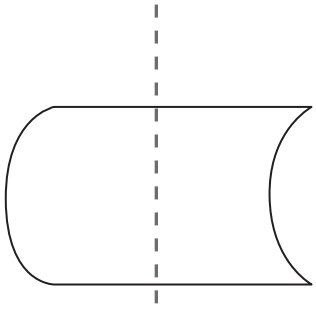
1 Welche Formen sind symmetrisch? Kreuze an.

a)



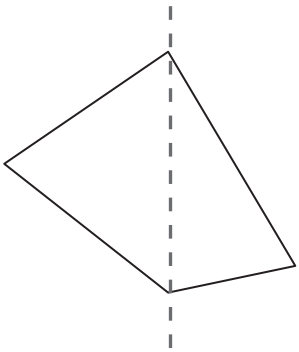
☒

b)



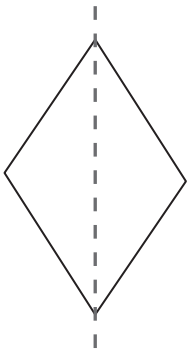
☐

c)



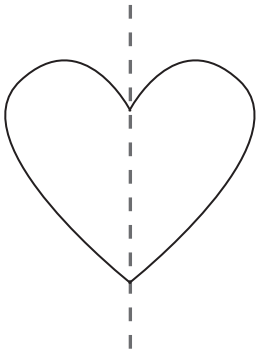
☐

d)



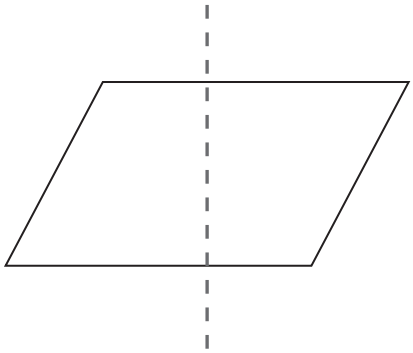
☒

e)



☒

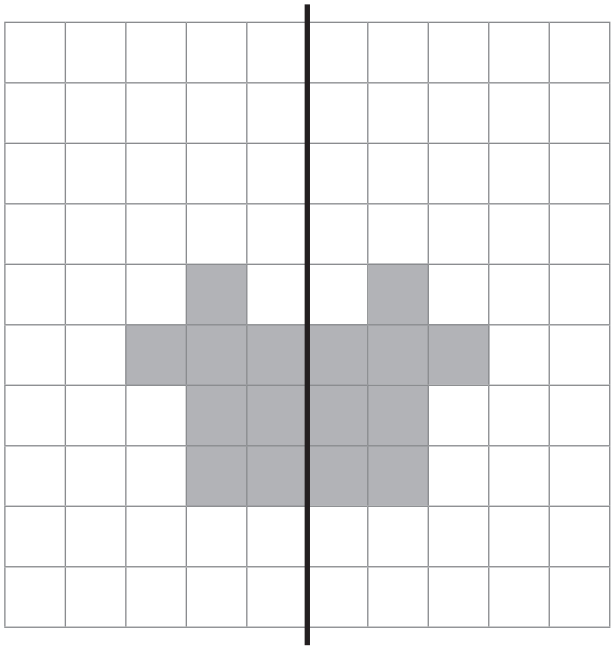
f)



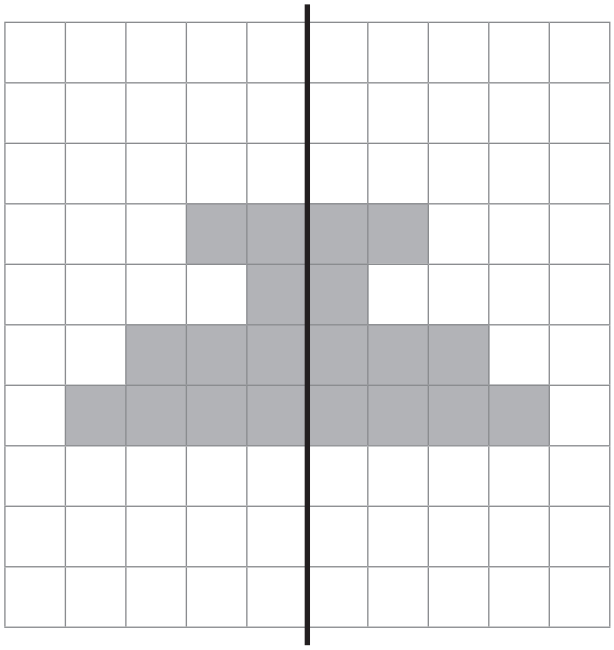
☐

1 Zeichne das Spiegelbild. Überprüfe mit dem Spiegel.

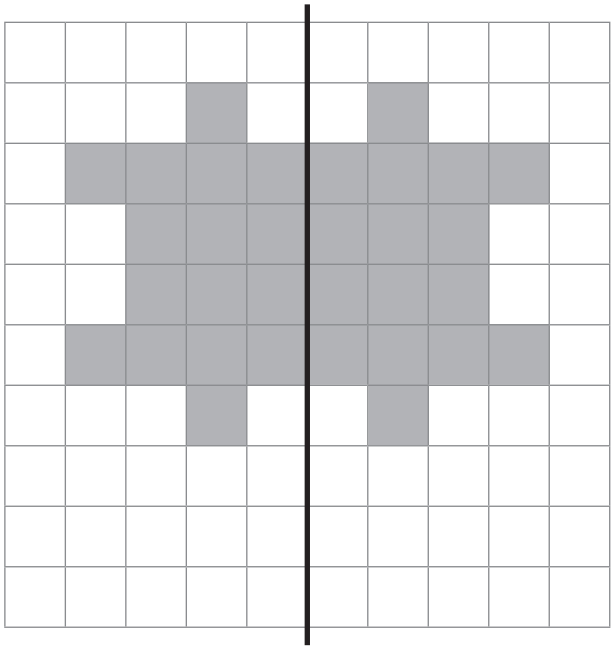
a)



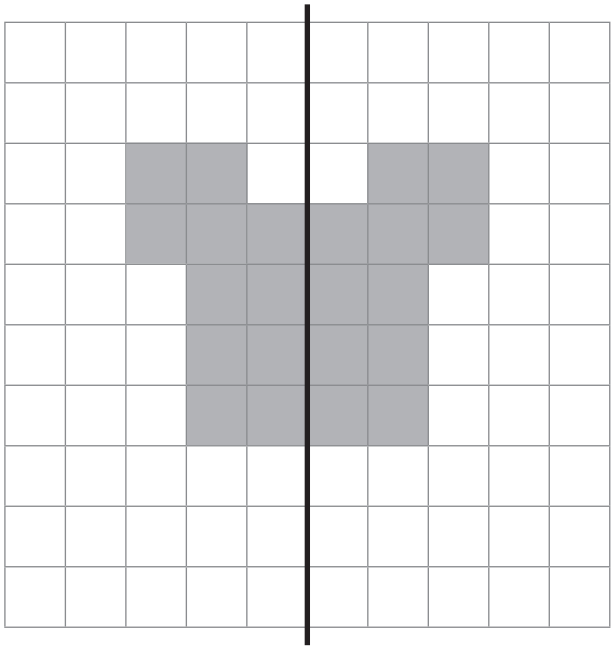
b)



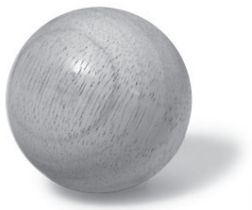
c)



d)



1 Kreuze den richtigen Namen an.



Kegel ☐
Kugel ☒

Würfel ☒
Quader ☐

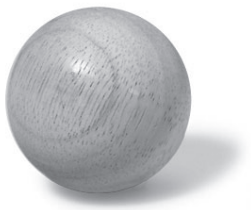
Würfel ☐
Quader ☒

Pyramide ☐
Zylinder ☒

Pyramide ☒
Kegel ☐

Zylinder ☐
Kegel ☒

1 Welche Formen kannst du an den Körpern erkennen? Kreuze an.



Kreis ☐
Dreieck ☐

Quadrat ☒
Kreis ☐

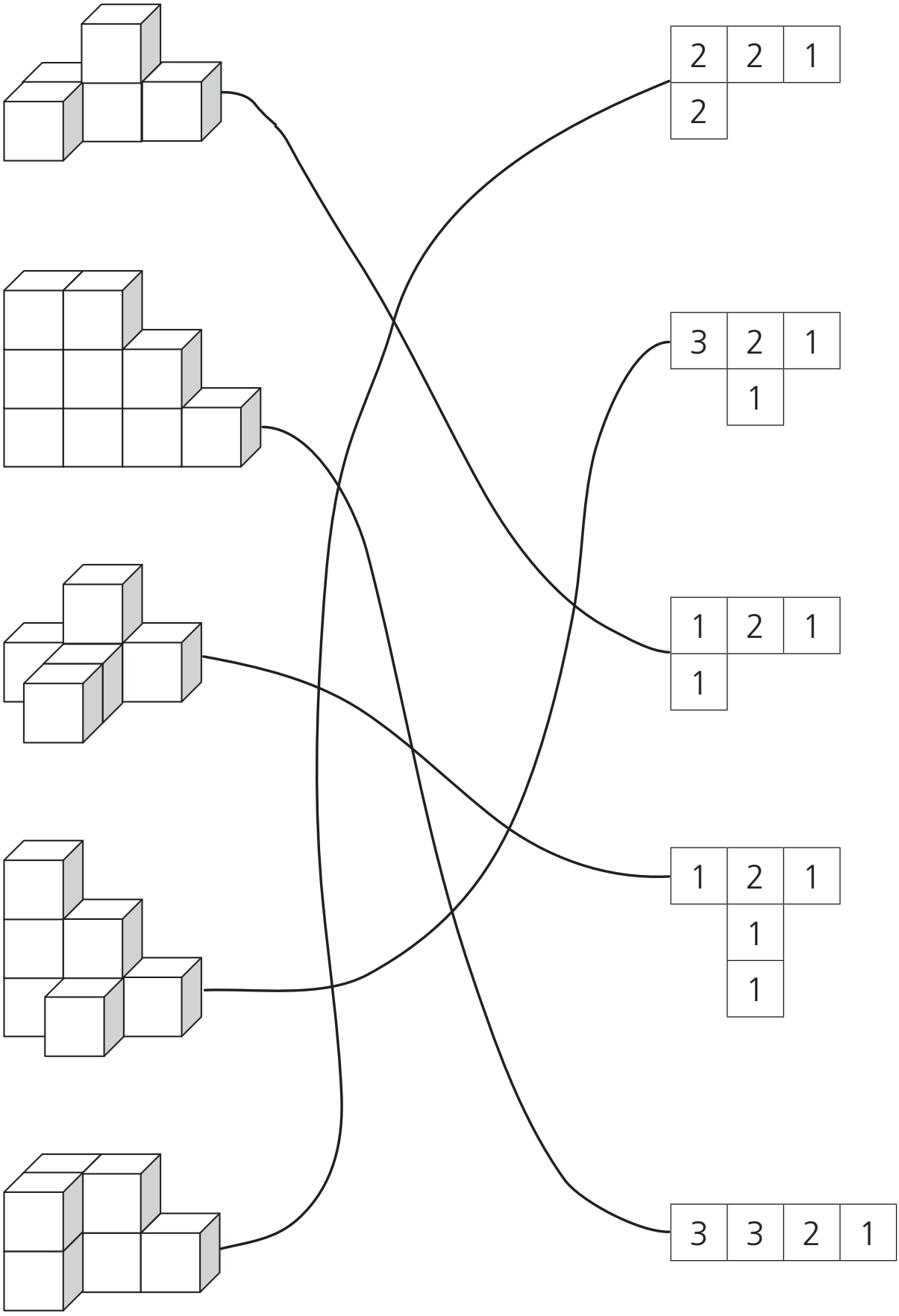
Rechteck ☒
Quadrat ☐

Dreieck ☐
Kreis ☒

Dreieck ☒
Kreis ☐

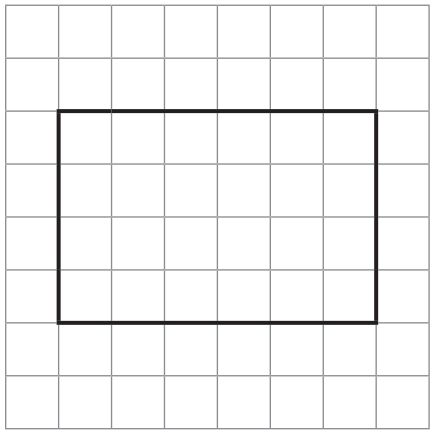
Kreis ☒
Rechteck ☐

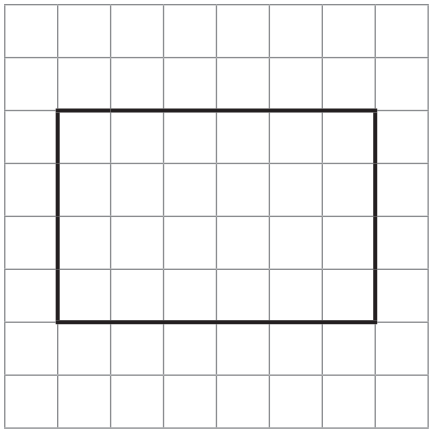
1 Verbinde jedes Würfelgebäude mit dem passenden Bauplan.



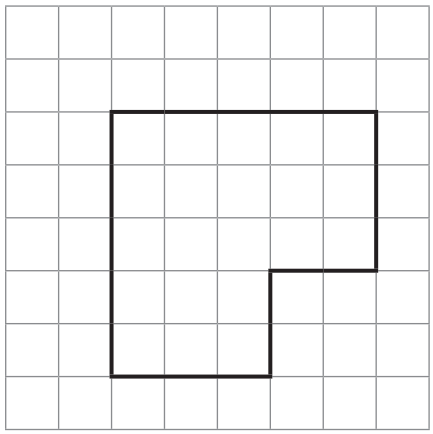
1 Zeichne die Figur mit dem Lineal ab.

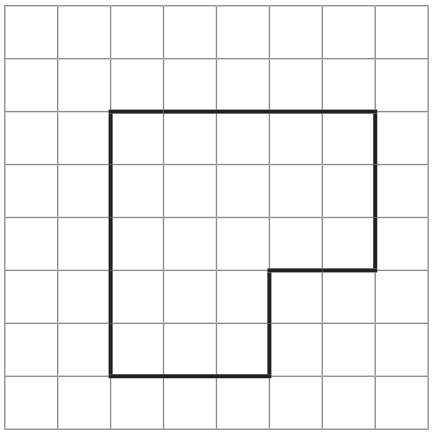
a)



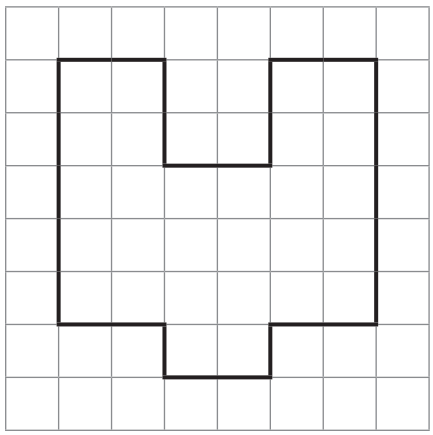


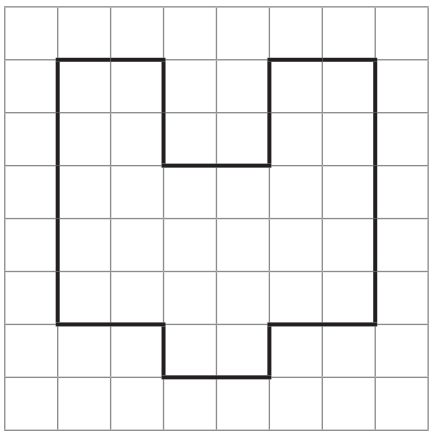
b)





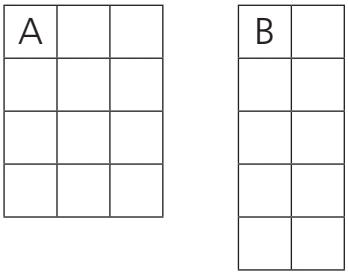
c)





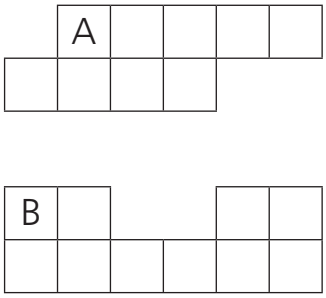
1 Vergleiche die Flächen A und B miteinander.
Welche der beiden Flächen ist größer? Schätze zuerst.

a)



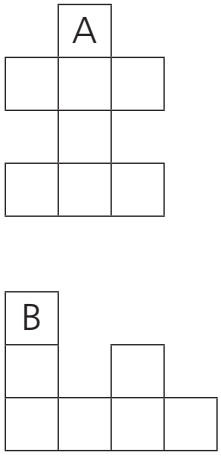
A > B

b)



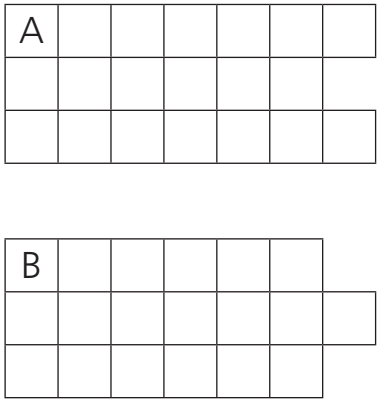
B > A

c)



A > B

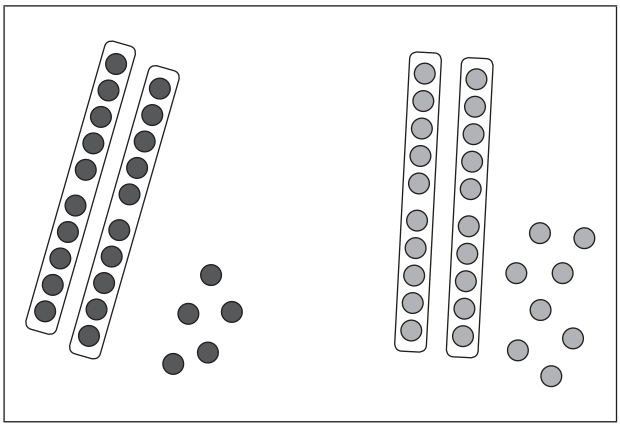
d)



A > B

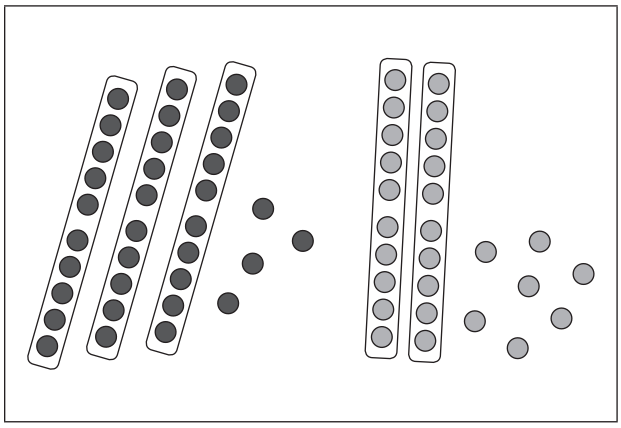
1 Lege nach und rechne.

a)



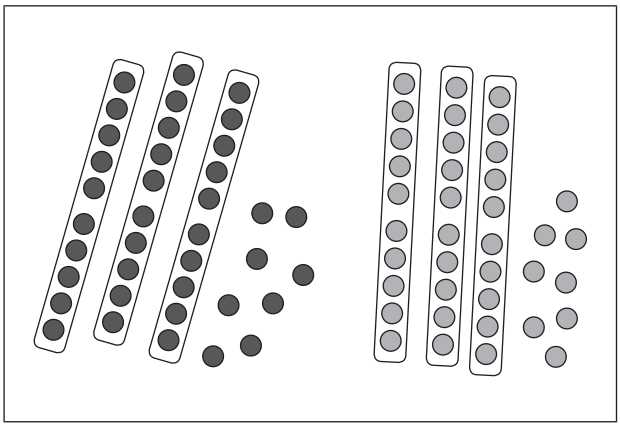
25 + 28 = 53

b)



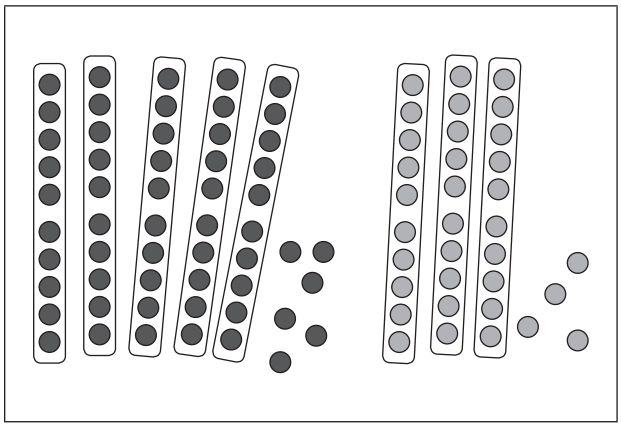
34 + 27 = 61

c)



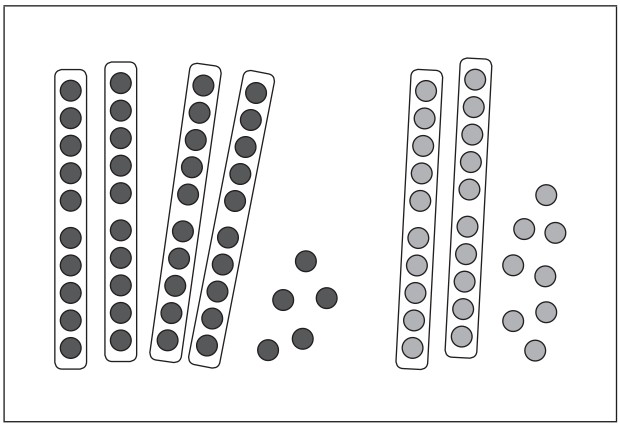
38 + 38 = 76

d)



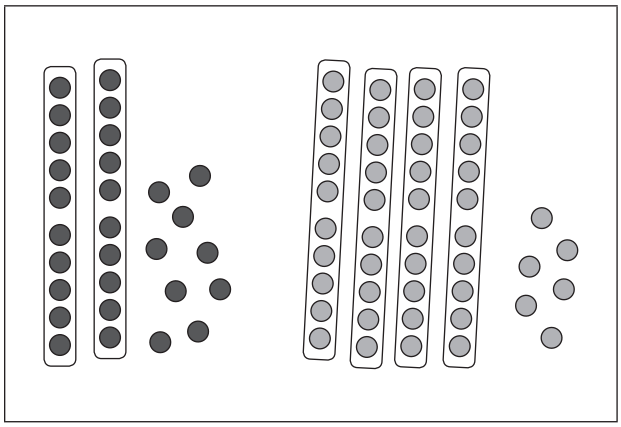
56 + 34 = 90

e)



45 + 28 = 73

f)



29 + 46 = 75

1 Rechne.

a)
56 + 37 = 93
56 + 30 = 86
86 + 7 = 93

b)
32 + 49 = 81
32 + 40 = 72
72 + 9 = 81

c)
28 + 28 = 56
28 + 20 = 48
48 + 8 = 56

d)
47 + 16 = 63
47 + 10 = 57
57 + 6 = 63

e)
68 + 25 = 93
68 + 20 = 88
88 + 5 = 93

f)
74 + 18 = 92
74 + 10 = 84
84 + 8 = 92

g)
39 + 43 = 82
39 + 40 = 79
79 + 3 = 82

h)
28 + 56 = 84
28 + 50 = 78
78 + 6 = 84

i)
15 + 77 = 92
15 + 70 = 85
85 + 7 = 92

2 Rechne.

a)
72 + 19 = 91
70 + 10 = 80
2 + 9 = 11

b)
58 + 14 = 72
50 + 10 = 60
8 + 4 = 12

c)
36 + 36 = 72
30 + 30 = 60
6 + 6 = 12

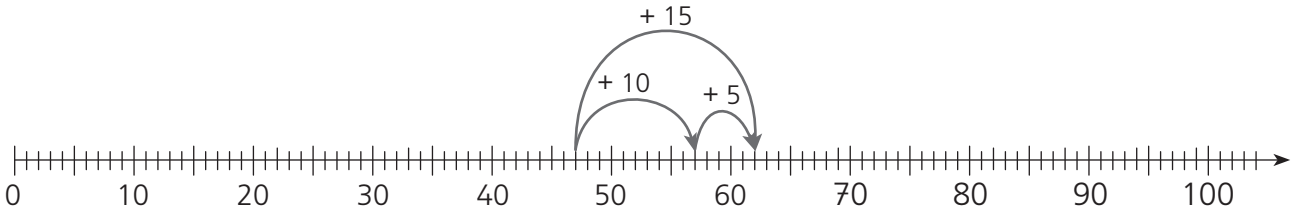
d)
12 + 29 = 41
10 + 20 = 30
2 + 9 = 11

e)
46 + 37 = 83
40 + 30 = 70
6 + 7 = 13

f)
65 + 29 = 94
60 + 20 = 80
5 + 9 = 14

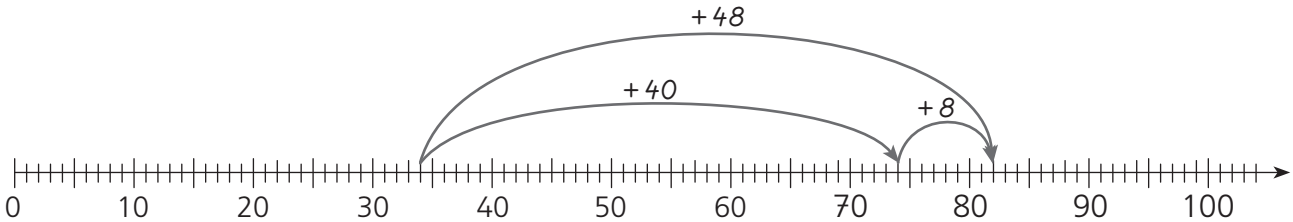
1 Rechne am Zahlenstrahl.

a)



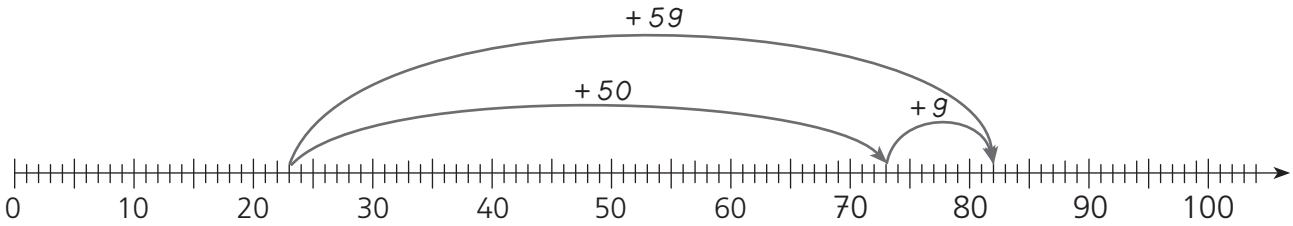
47	+	15	=	62

b)



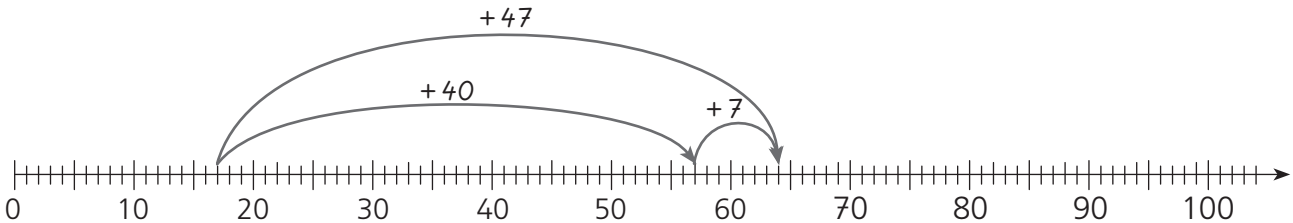
34	+	48	=	82

c)



23	+	59	=	82

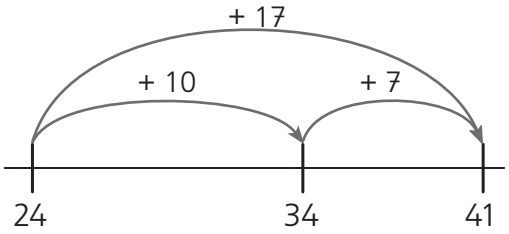
d)



17	+	47	=	64

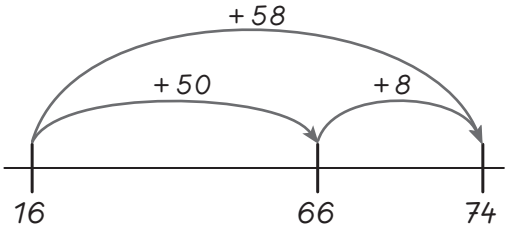
1 Rechne am Zahlenstrich.

a)



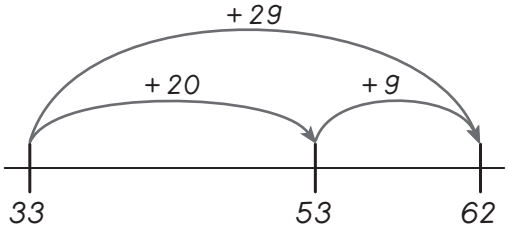
24 + 17 = 41

b)



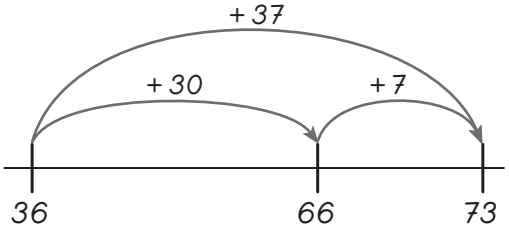
16 + 58 = 74

c)



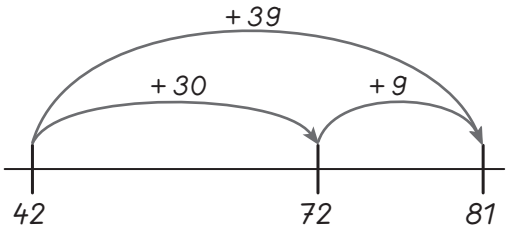
33 + 29 = 62

d)



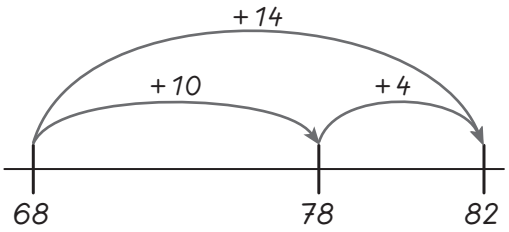
36 + 37 = 73

e)



42 + 39 = 81

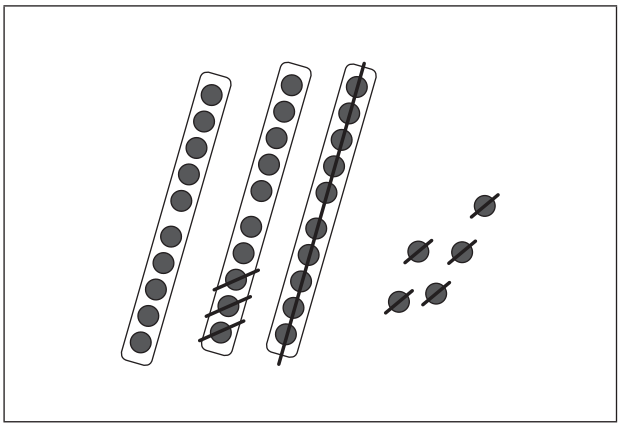
f)



68 + 14 = 82

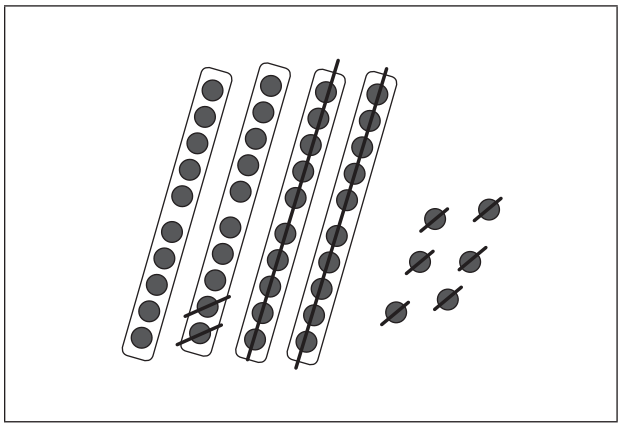
1 Lege nach und rechne.

a)



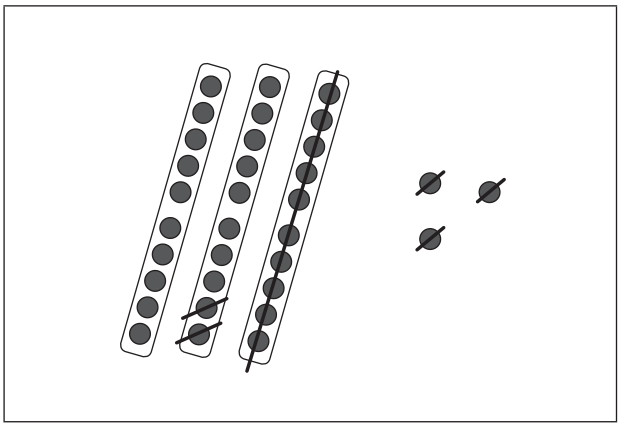
35 − 18 = 17

b)



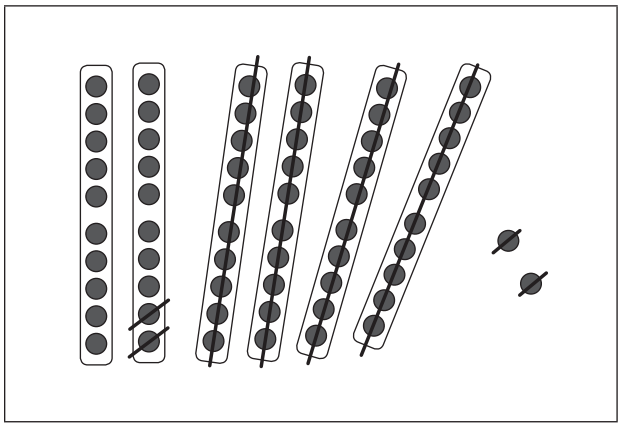
46 − 28 = 18

c)



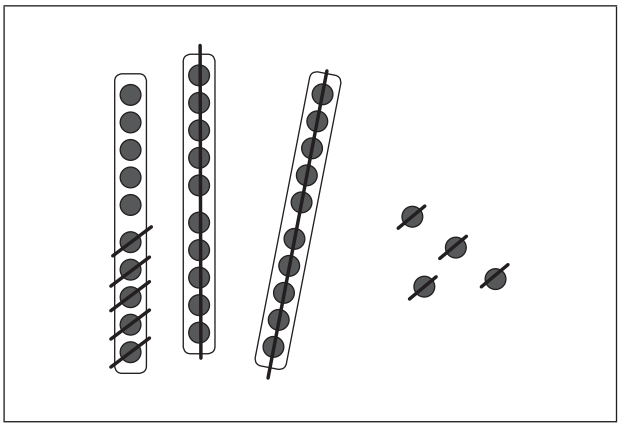
33 − 15 = 18

d)



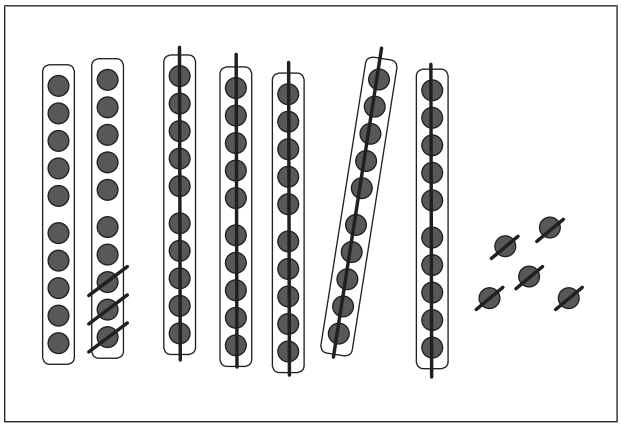
62 − 44 = 18

e)



34 − 29 = 5

f)



75 − 58 = 17

1 Rechne.

a)
43 − 18 = 25
43 − 10 = 33
33 − 8 = 25

b)
36 − 27 = 9
36 − 20 = 16
16 − 7 = 9

c)
55 − 29 = 26
55 − 20 = 35
35 − 9 = 26

d)
42 − 27 = 15
42 − 20 = 22
22 − 7 = 15

e)
65 − 38 = 27
65 − 30 = 35
35 − 8 = 27

f)
51 − 32 = 19
51 − 30 = 21
21 − 2 = 19

g)
73 − 36 = 37
73 − 30 = 43
43 − 6 = 37

h)
34 − 18 = 16
34 − 10 = 24
24 − 8 = 16

i)
97 − 49 = 48
97 − 40 = 57
57 − 9 = 48

2 Du kannst auch zuerst die kleinere Zahl abziehen. Rechne.

a)
44 − 27 = 17
44 − 7 = 37
37 − 20 = 17

b)
22 − 14 = 8
22 − 4 = 18
18 − 10 = 8

c)
66 − 28 = 38
66 − 8 = 58
58 − 20 = 38

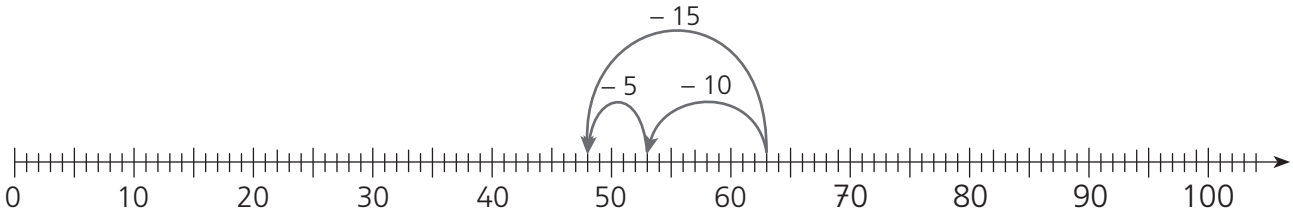
d)
51 − 18 = 33
51 − 8 = 43
43 − 10 = 33

e)
73 − 24 = 49
73 − 4 = 69
69 − 20 = 49

f)
82 − 49 = 33
82 − 9 = 73
73 − 40 = 33

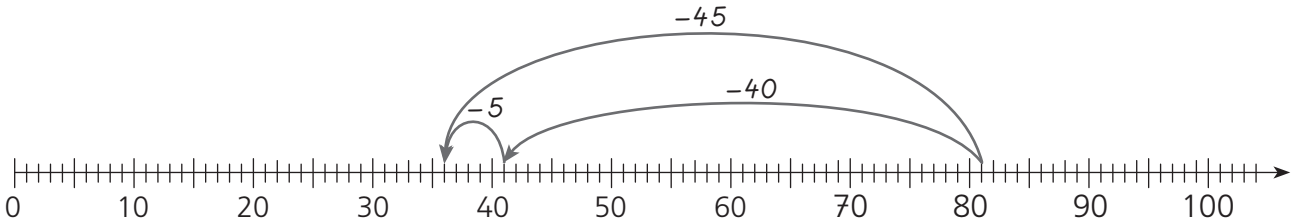
1 Rechne am Zahlenstrahl.

a)



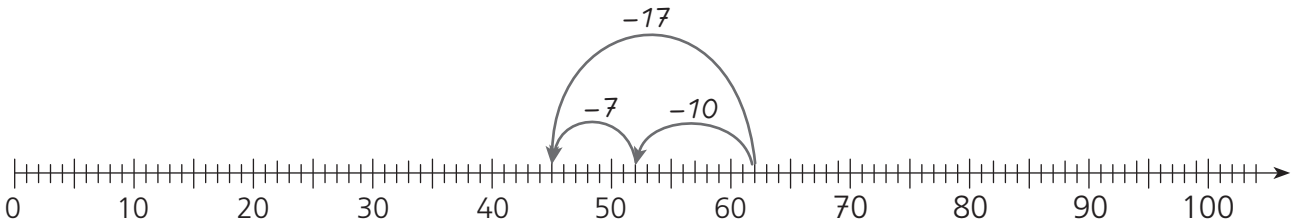
63	–	15	=	48

b)



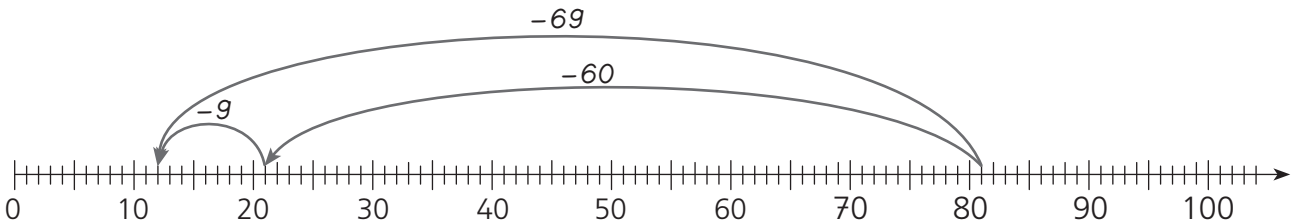
81	–	45	=	36

c)



62	–	17	=	45

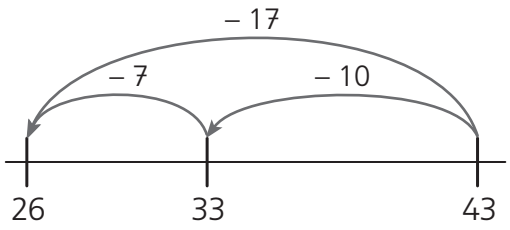
d)



81	–	69	=	12

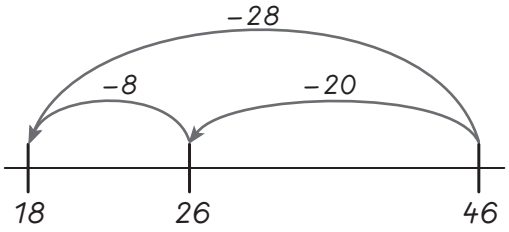
1 Rechne am Zahlenstrich.

a)



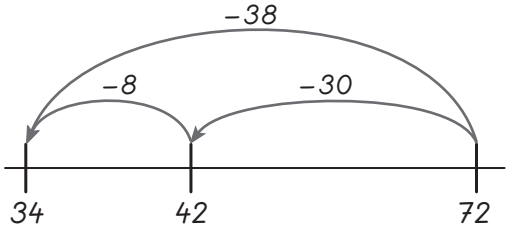
43 – 17 = 26

b)



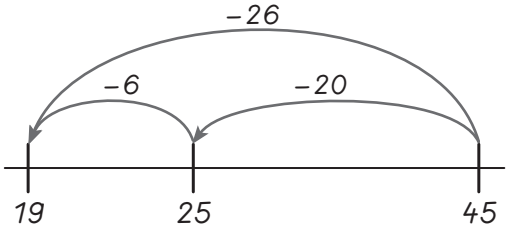
46 – 28 = 18

c)



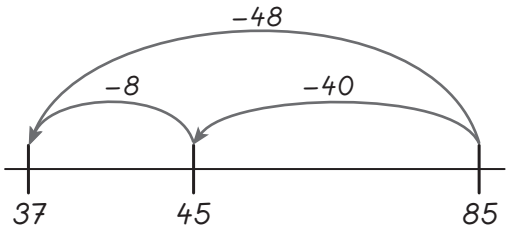
72 – 38 = 34

d)



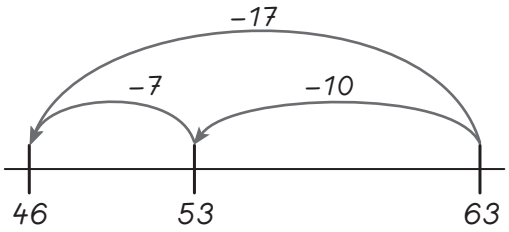
45 – 26 = 19

e)



85 – 48 = 37

f)



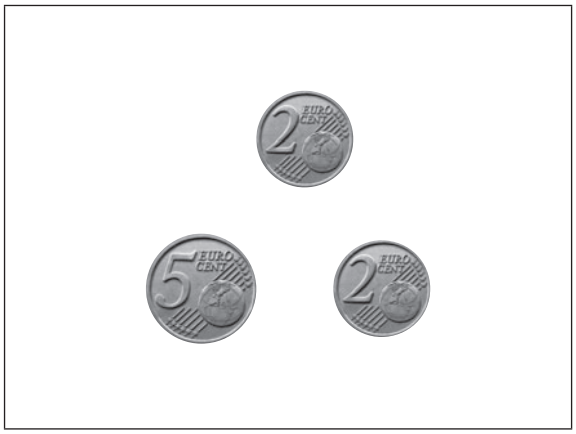
63 – 17 = 46

1 Wie viel Geld ist es?

a)

70 Cent

b)

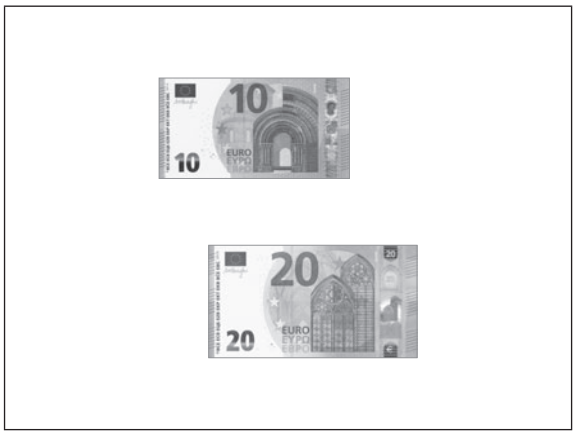


9 Cent

c)

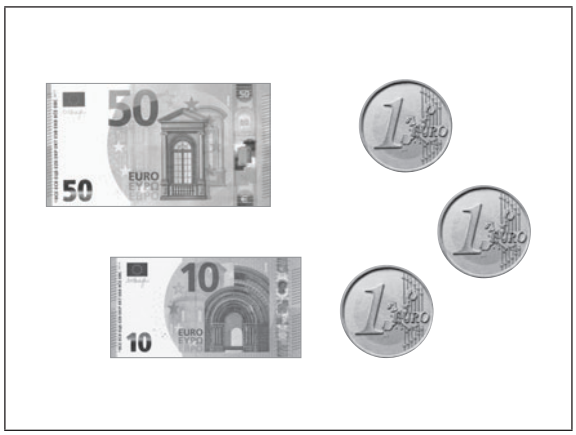
37 Cent

d)



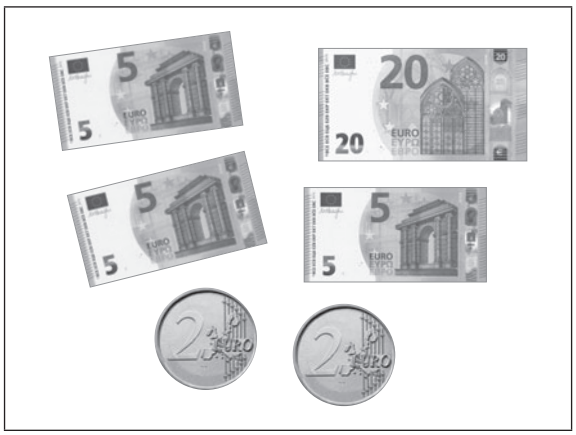
30 Euro

e)



63 Euro

f)



39 Euro

1 In welchen Geldbörsen ist genug Geld, um den Tennisschläger zu kaufen? Kreuze an.

☒

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☒

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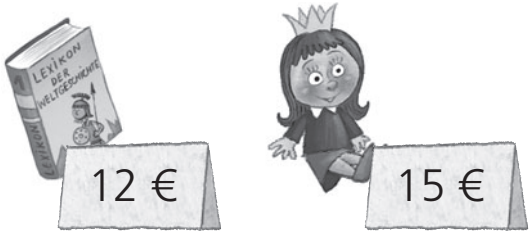
1 Wie viel kostet es zusammen? Zeichne und rechne.*

a)



10 € 10 € 2 € 5 €

Es kostet 27 Euro zusammen.

b)

20 € 10 € 5 € 5 € 2 € 2 € 2 €

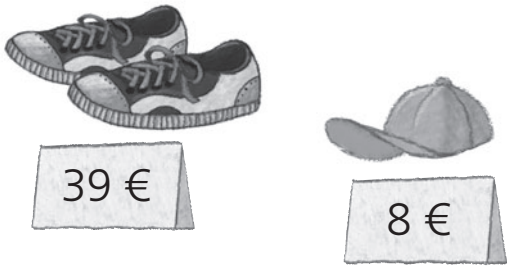
Es kostet 46 Euro zusammen.

c)

5 € 20 € 2 € 20 € 5 € 2 €

Es kostet 54 Euro zusammen.

d)



20 € 5 € 10 € 2 € 2 € 5 € 2 € 1 €

Es kostet 47 Euro zusammen.

* Beispiellösungen: Andere Stückelungen sind möglich.

1

Max kauft: Max gibt: Max bekommt zurück:

50 € – 38 € = 12 €

Max bekommt 12 € zurück.

2

Lea kauft: Lea gibt: Lea bekommt zurück:

100 € – 66 € = 34 €

Lea bekommt 34 € zurück.

3

Ole kauft: Ole gibt: Ole bekommt zurück:

100 € – 89 € = 11 €

Ole bekommt 11 € zurück.

1 Die beiden dritten Klassen veranstalten eine Lesenacht.

Wie viele Kinder machen insgesamt mit?

Klasse	Anzahl der Kinder
3a	20
3b	23

20 + 23 = 43

Es machen insgesamt **43** Kinder bei der Lesenacht mit.

2 Von den 43 Kindern möchten 26 Kinder das Buch vom großen Gespenst bei der Lesenacht hören. Wie viele Kinder möchten die Geschichte vom magischen Hausbaum hören?

Buch	Anzahl der Kinder
Das große Gespenst	26
Der magische Hausbaum	?

43 − 26 = 17

17 Kinder möchten die Geschichte vom magischen Hausbaum hören.

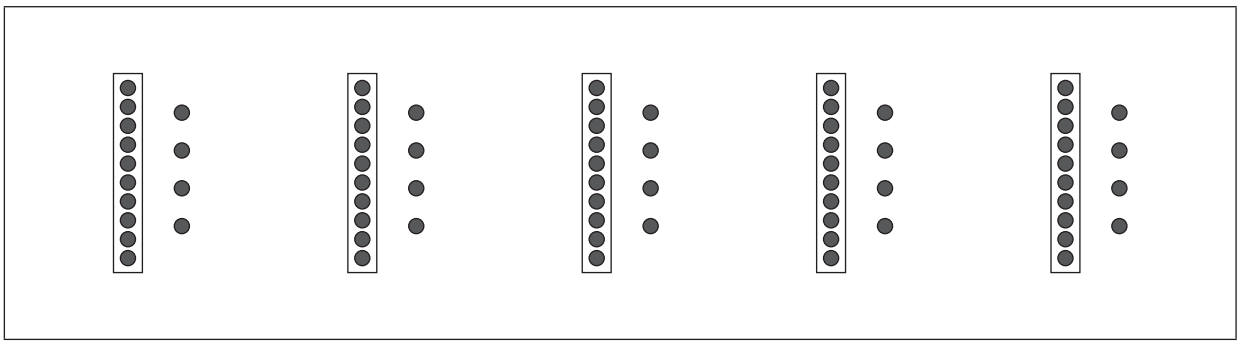
3 In der Klasse 3a möchten 7 Kinder jeweils zwei Brötchen essen.
8 Kinder möchten nur ein Brötchen essen.
Die anderen Kinder und die Lehrerin essen Müsli.
Wie viele Brötchen müssen für die Kinder gekauft werden?

7 + 7 + 8 = 22

Es müssen **22** Brötchen gekauft werden.

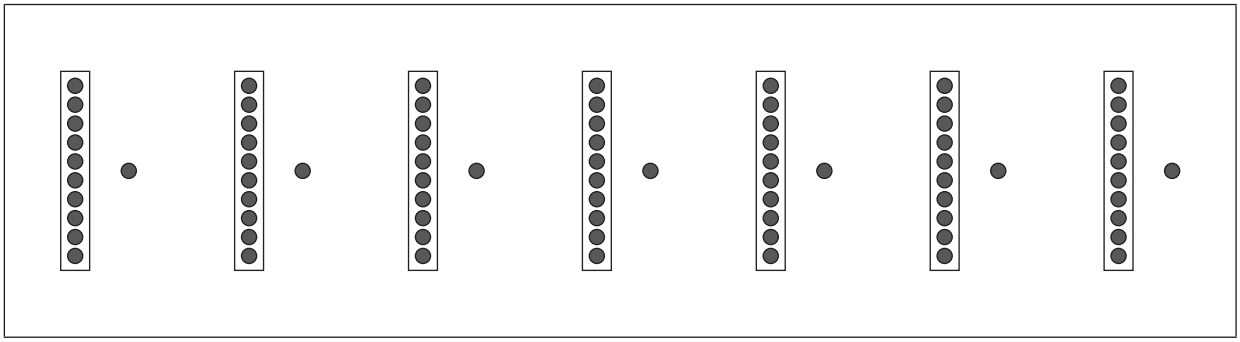
1 Rechne.

a)



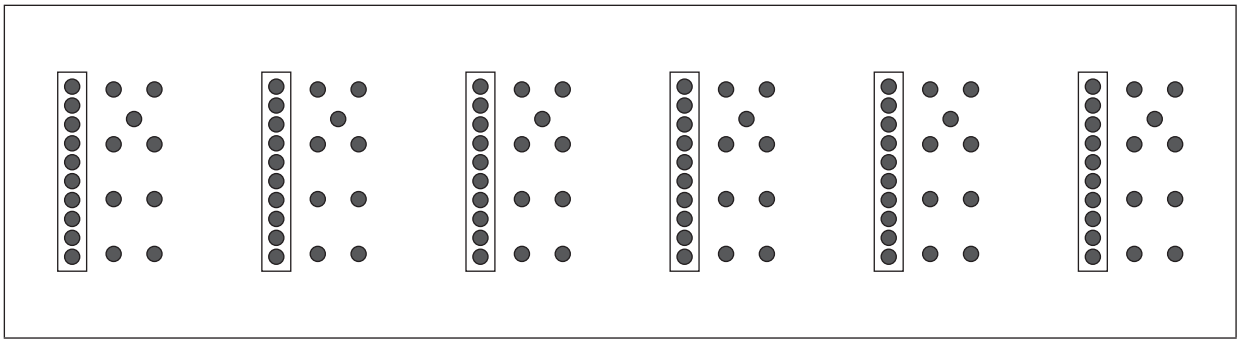
$5 \cdot 14 = \boxed{70}$

b)



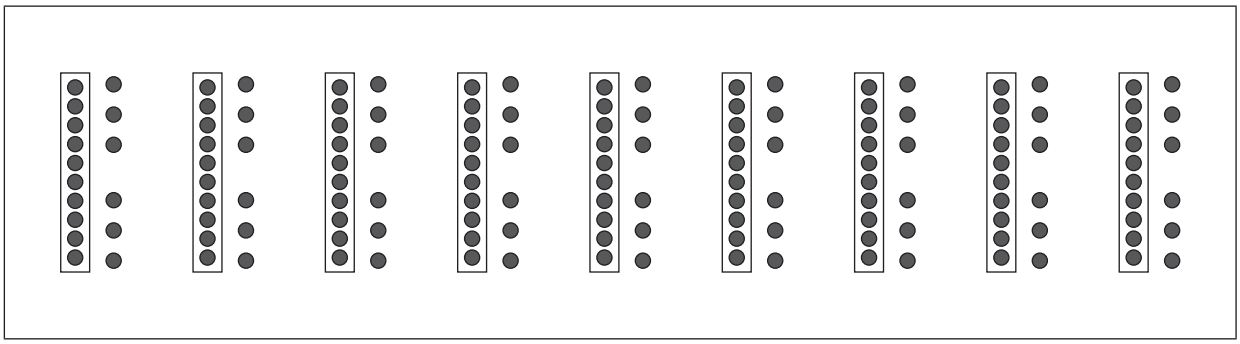
$7 \cdot 11 = \boxed{77}$

c)



$6 \cdot 19 = \boxed{114}$

d)



$9 \cdot 16 = \boxed{144}$

1 Rechne.

a) $8 \cdot 13 = 104$
$8 \cdot 10 = 80$
$8 \cdot 3 = 24$

b) $7 \cdot 14 = 98$
$7 \cdot 10 = 70$
$7 \cdot 4 = 28$

c) $5 \cdot 16 = 80$
$5 \cdot 10 = 50$
$5 \cdot 6 = 30$

d) $2 \cdot 17 = 34$
$2 \cdot 10 = 20$
$2 \cdot 7 = 14$

e) $9 \cdot 11 = 99$
$9 \cdot 10 = 90$
$9 \cdot 1 = 9$

f) $4 \cdot 15 = 60$
$4 \cdot 10 = 40$
$4 \cdot 5 = 20$

g) $3 \cdot 18 = 54$
$3 \cdot 10 = 30$
$3 \cdot 8 = 24$

h) $7 \cdot 19 = 133$
$7 \cdot 10 = 70$
$7 \cdot 9 = 63$

i) $6 \cdot 12 = 72$
$6 \cdot 10 = 60$
$6 \cdot 2 = 12$

2 Rechne.

a) $5 \cdot 13 = 65$
$5 \cdot 10 = 50$
$5 \cdot 3 = 15$

b) $8 \cdot 16 = 128$
$8 \cdot 10 = 80$
$8 \cdot 6 = 48$

c) $4 \cdot 18 = 72$
$4 \cdot 10 = 40$
$4 \cdot 8 = 32$

d) $3 \cdot 11 = 33$
$3 \cdot 10 = 30$
$3 \cdot 1 = 3$

e) $6 \cdot 17 = 102$
$6 \cdot 10 = 60$
$6 \cdot 7 = 42$

f) $7 \cdot 14 = 98$
$7 \cdot 10 = 70$
$7 \cdot 4 = 28$

1 Rechne.

a) $8 \cdot 13 = 104$

$8 \cdot 10 = 80$

$8 \cdot 3 = 24$

b) $7 \cdot 14 = 98$

$7 \cdot 10 = 70$

$7 \cdot 4 = 28$

c) $5 \cdot 16 = 80$

$5 \cdot 10 = 50$

$5 \cdot 6 = 30$

d) $2 \cdot 17 = 34$

$2 \cdot 10 = 20$

$2 \cdot 7 = 14$

e) $9 \cdot 11 = 99$

$9 \cdot 10 = 90$

$9 \cdot 1 = 9$

f) $4 \cdot 15 = 60$

$4 \cdot 10 = 40$

$4 \cdot 5 = 20$

g) $3 \cdot 18 = 54$

$3 \cdot 10 = 30$

$3 \cdot 8 = 24$

h) $7 \cdot 19 = 133$

$7 \cdot 10 = 70$

$7 \cdot 9 = 63$

i) $6 \cdot 12 = 72$

$6 \cdot 10 = 60$

$6 \cdot 2 = 12$

2 Rechne.

a) $5 \cdot 13 = 65$

$5 \cdot 10 = 50$

$5 \cdot 3 = 15$

b) $8 \cdot 16 = 128$

$8 \cdot 10 = 80$

$8 \cdot 6 = 48$

c) $4 \cdot 18 = 72$

$4 \cdot 10 = 40$

$4 \cdot 8 = 32$

d) $3 \cdot 11 = 33$

$3 \cdot 10 = 30$

$3 \cdot 1 = 3$

e) $6 \cdot 17 = 102$

$6 \cdot 10 = 60$

$6 \cdot 7 = 42$

f) $7 \cdot 14 = 98$

$7 \cdot 10 = 70$

$7 \cdot 4 = 28$

1 a)

3	•	11	=	33
4	•	11	=	44
5	•	11	=	55
6	•	11	=	66
7	•	11	=	77

b)

7	•	10	=	70
7	•	11	=	77
7	•	12	=	84
7	•	13	=	91
7	•	14	=	98

c)

16	•	9	=	144
16	•	8	=	128
16	•	7	=	112
16	•	6	=	96
16	•	5	=	80

d)

12	•	4	=	48
12	•	5	=	60
12	•	6	=	72
12	•	7	=	84
12	•	8	=	96

e)

10	•	6	=	60
11	•	6	=	66
12	•	6	=	72
13	•	6	=	78
14	•	6	=	84

f) *

	•		=	
	•		=	
	•		=	
	•		=	
	•		=	

* individuelle Lösung

1 a)

3	•	11	=	33
4	•	11	=	44
5	•	11	=	55
6	•	11	=	66
7	•	11	=	77

b)

7	•	10	=	70
7	•	11	=	77
7	•	12	=	84
7	•	13	=	91
7	•	14	=	98

c)

16	•	9	=	144
16	•	8	=	128
16	•	7	=	112
16	•	6	=	96
16	•	5	=	80

d)

12	•	4	=	48
12	•	5	=	60
12	•	6	=	72
12	•	7	=	84
12	•	8	=	96

e)

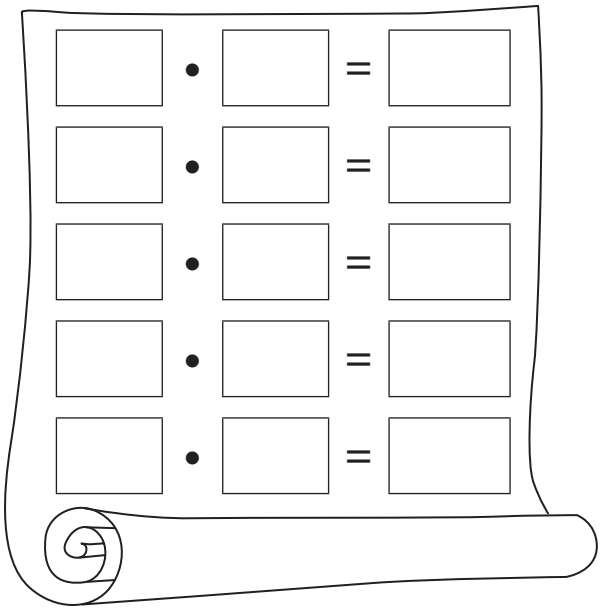
10	•	6	=	60
11	•	6	=	66
12	•	6	=	72
13	•	6	=	78
14	•	6	=	84

f) *

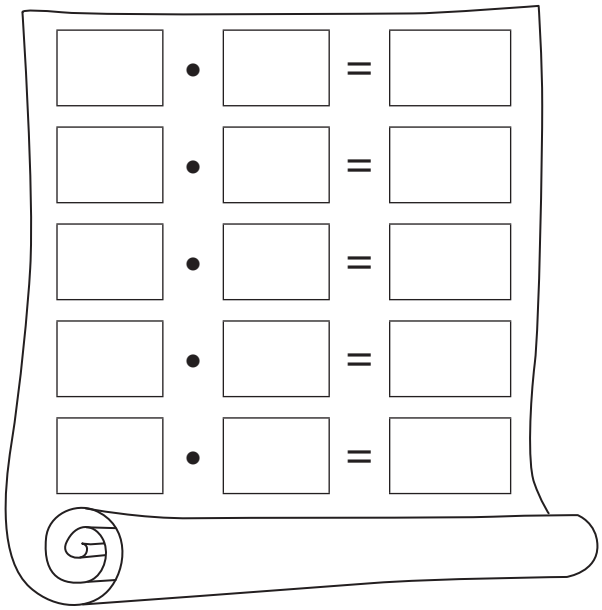
	•		=	
	•		=	
	•		=	
	•		=	
	•		=	

* individuelle Lösung

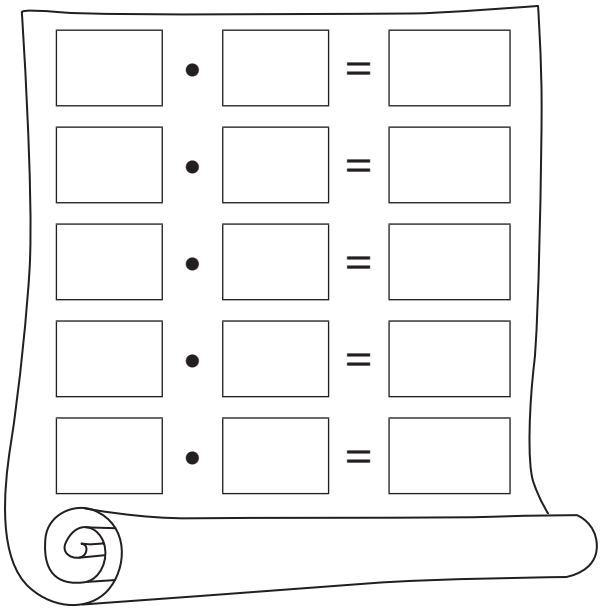
1 * a)



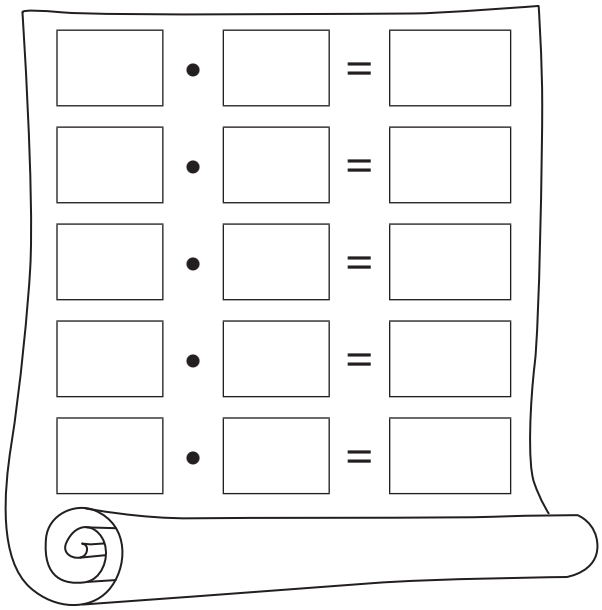
b)



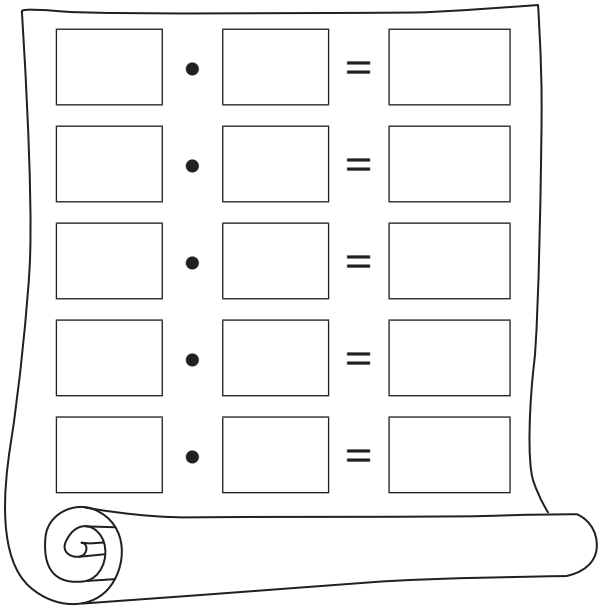
c)



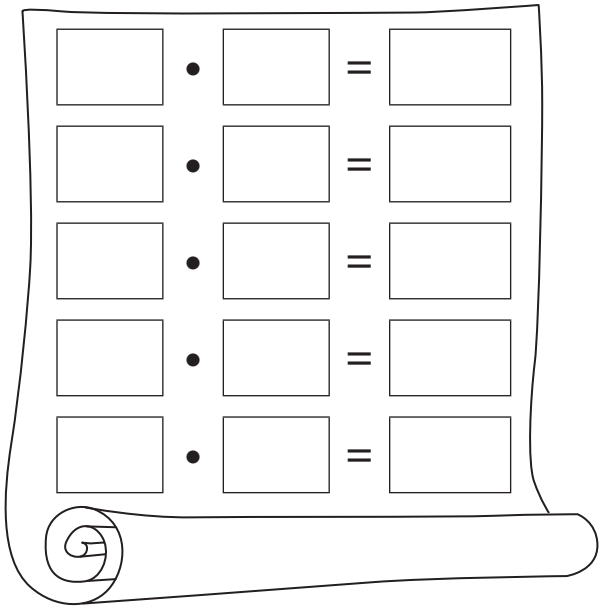
d)



e)



f)



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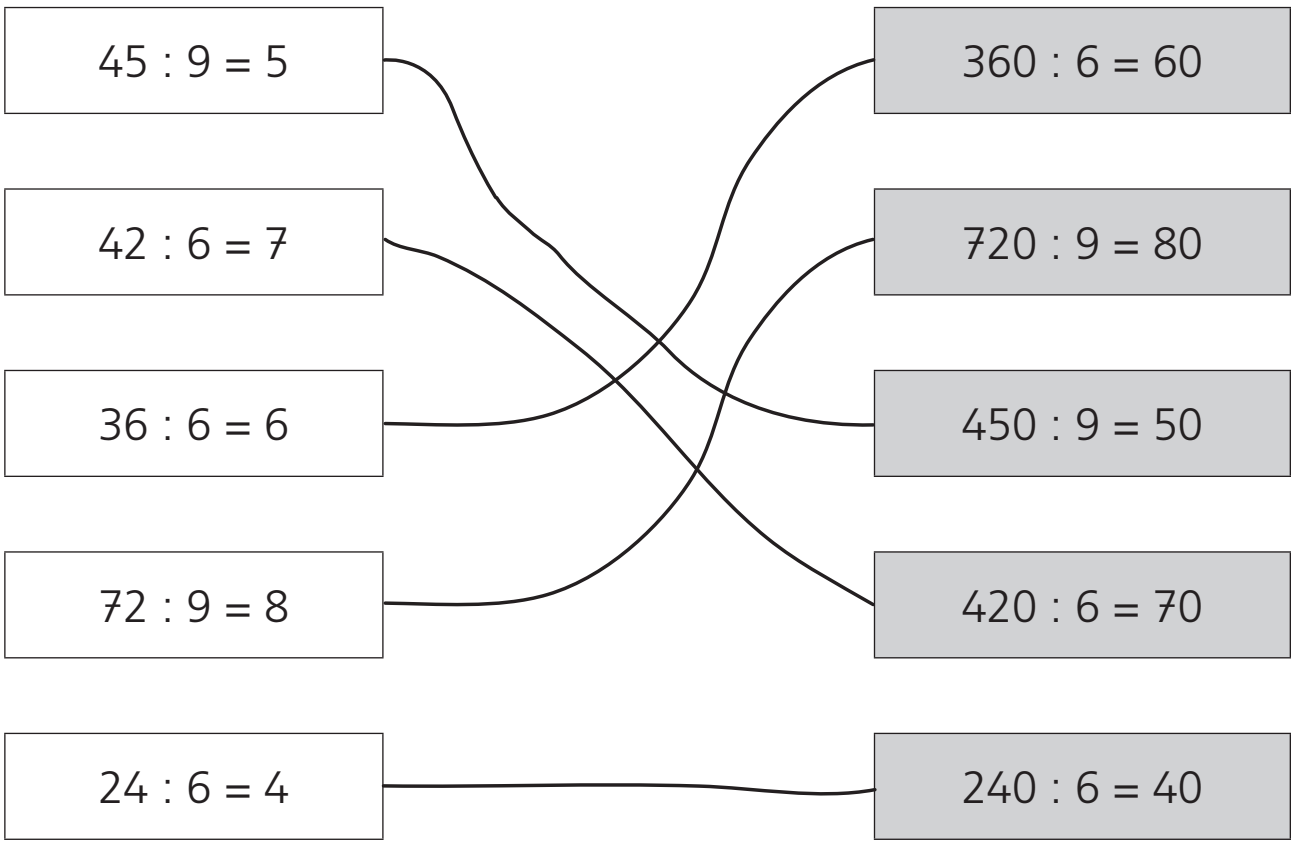
1 Rechne. Die kleine Aufgabe hilft dir.

32 : 4 = 8	9 : 3 = 3	35 : 7 = 5
320 : 4 = 80	900 : 3 = 300	350 : 7 = 50
42 : 7 = 6	32 : 8 = 4	10 : 5 = 2
420 : 7 = 60	320 : 8 = 40	100 : 5 = 20

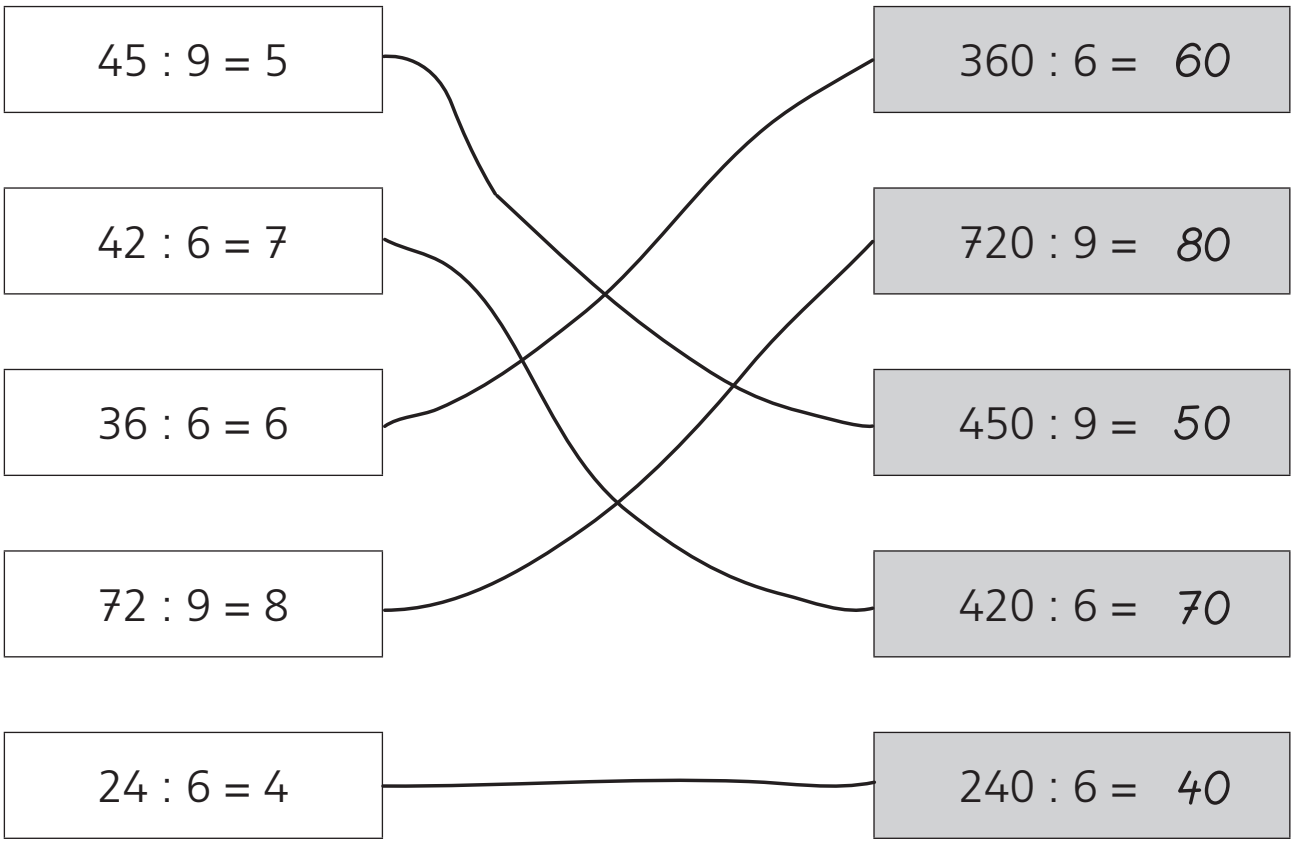
2 Verbinde jede kleine Aufgabe mit der passenden großen Aufgabe.



1 Rechne immer zuerst die kleine Aufgabe.

32 : 4 = 8	9 : 3 = 3	35 : 7 = 5
320 : 4 = 80	900 : 3 = 300	350 : 7 = 50
42 : 7 = 6	32 : 8 = 4	10 : 5 = 2
420 : 7 = 60	320 : 8 = 40	100 : 5 = 20

2 Verbinde jede kleine Aufgabe mit der passenden großen Aufgabe.
Rechne dann die große Aufgabe.



1 Verbinde mit dem passenden Ergebnis.

a)

32 : 4 =	80
320 : 4 =	8

b)

720 : 9 =	8
720 : 90 =	80

c)

240 : 6 =	40
24 : 6 =	4

d)

560 : 70 =	80
560 : 7 =	8

e)

250 : 5 =	5
250 : 50 =	50

f)

360 : 4 =	90
36 : 4 =	9

g)

120 : 30 =	40
120 : 3 =	4

h)

280 : 70 =	40
280 : 7 =	4

i)

40 : 4 =	10
400 : 4 =	100

j)

180 : 6 =	3
18 : 6 =	30

1 Rechne die Umkehraufgabe.

280 : 4 = 70
70 · 4 = 280

480 : 8 = 60
60 · 8 = 480

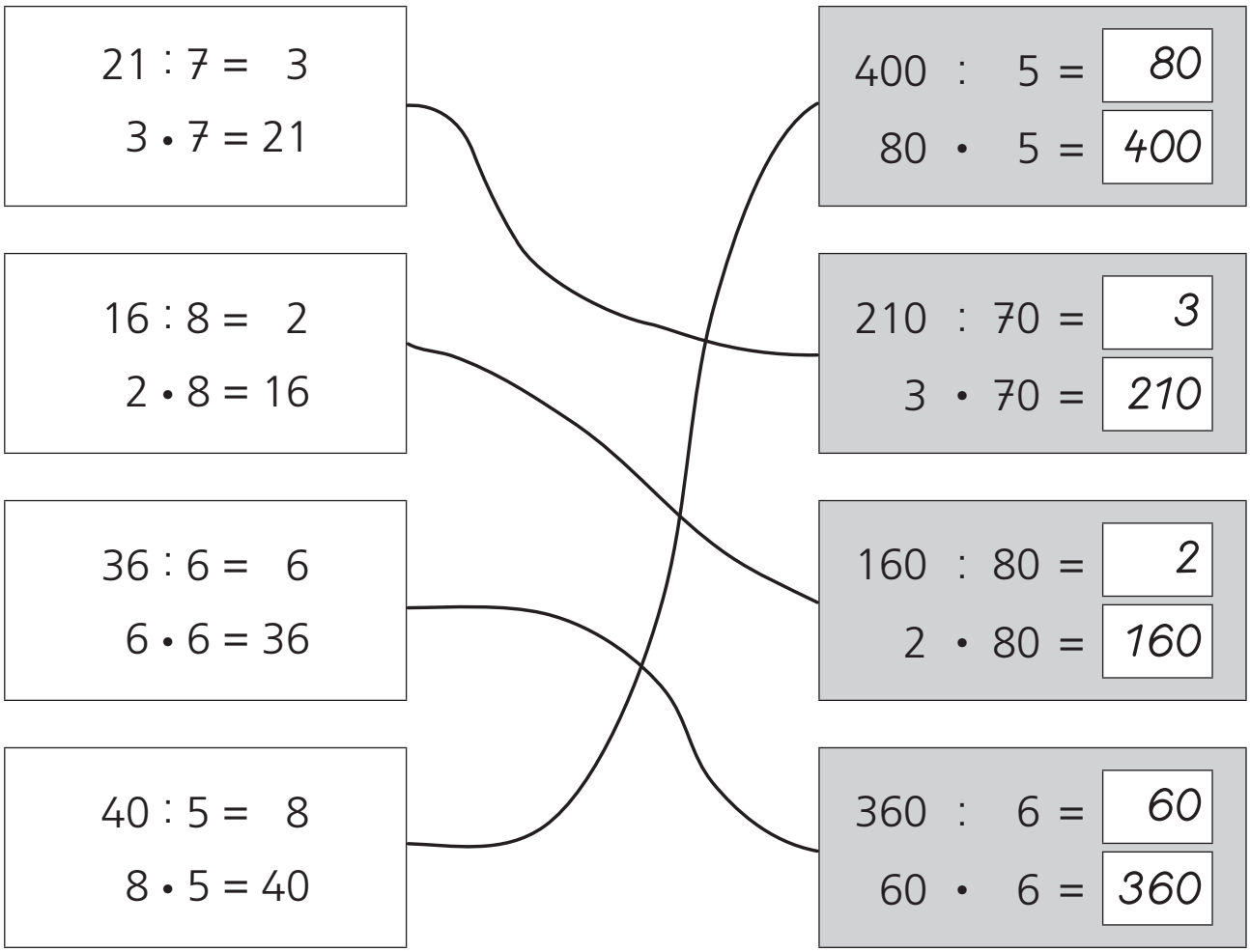
270 : 30 = 9
9 · 30 = 270

560 : 80 = 7
7 · 80 = 560

540 : 9 = 60
60 · 9 = 540

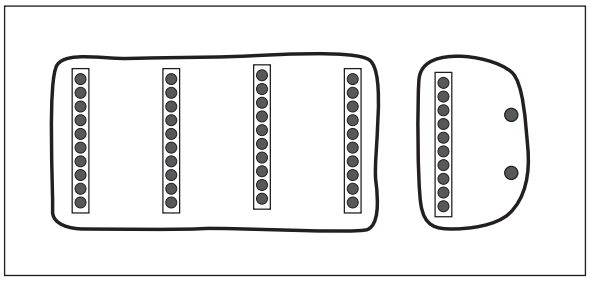
300 : 50 = 6
6 · 50 = 300

2 Verbinde die kleinen Aufgaben mit den passenden großen Aufgaben.
Rechne die großen Aufgaben aus.



1 Kreise ein und rechne.

a)

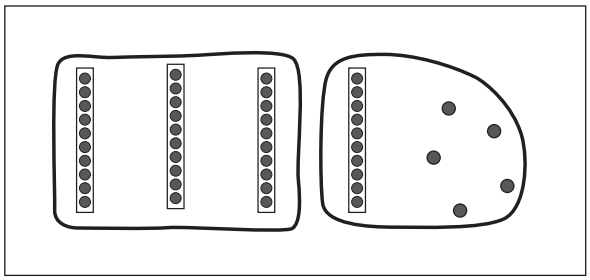


52 : 4 = 13

40 : 4 = 10

12 : 4 = 3

b)

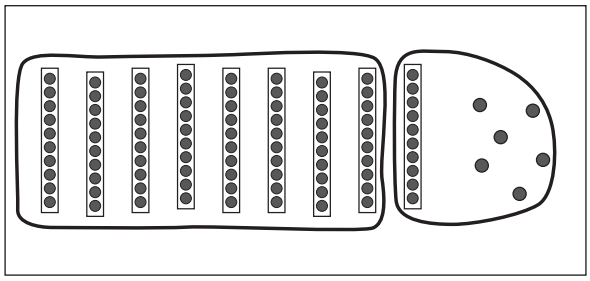


45 : 3 = 15

30 : 3 = 10

15 : 3 = 5

c)

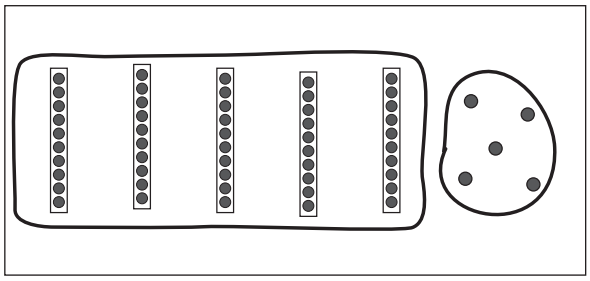


96 : 8 = 12

80 : 8 = 10

16 : 8 = 2

d)

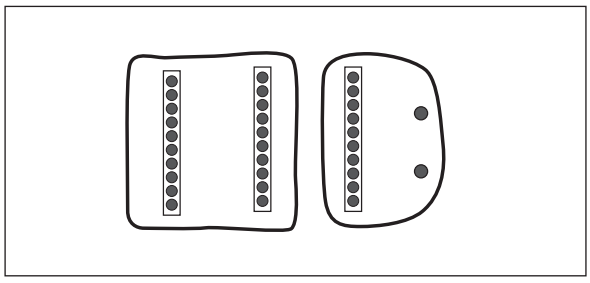


55 : 5 = 11

50 : 5 = 10

5 : 5 = 1

e)

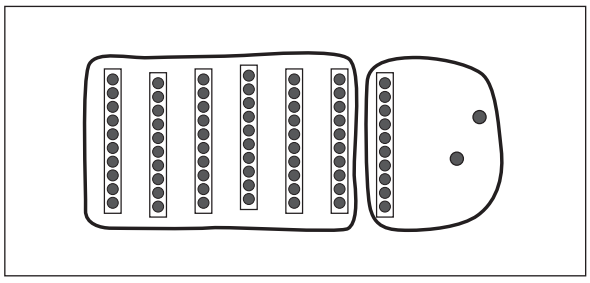


32 : 2 = 16

20 : 2 = 10

12 : 2 = 6

f)



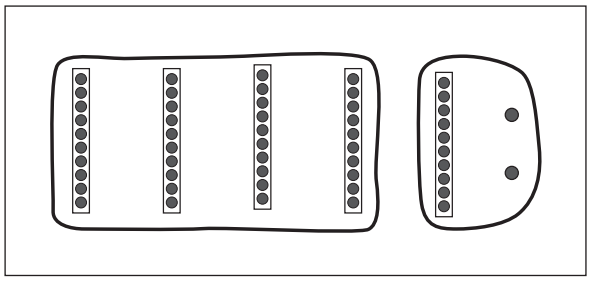
72 : 6 = 12

60 : 6 = 10

12 : 6 = 2

1 Rechne.

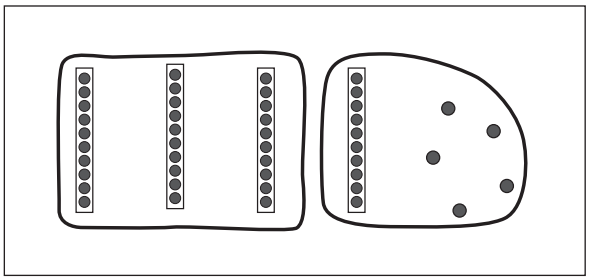
a)



52 : 4 = 13

40	:	4	=	10
12	:	4	=	3

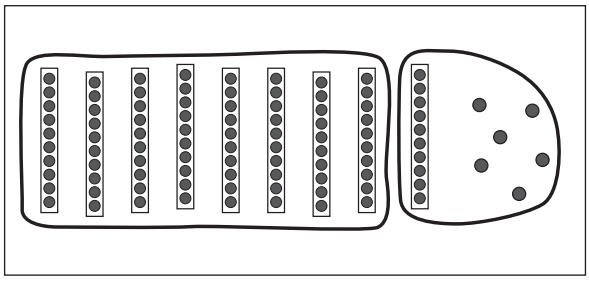
b)



45 : 3 = 15

30	:	3	=	10
15	:	3	=	5

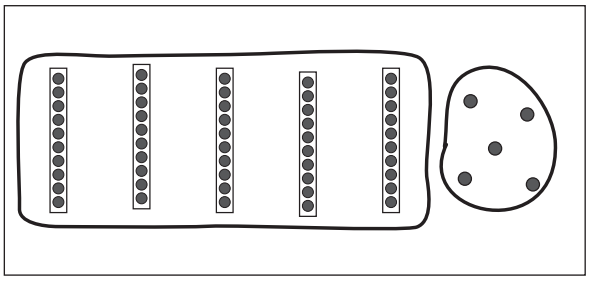
c)



96 : 8 = 12

80	:	8	=	10
16	:	8	=	2

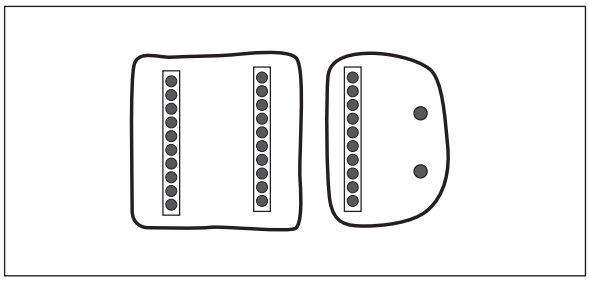
d)



55 : 5 = 11

50	:	5	=	10
5	:	5	=	1

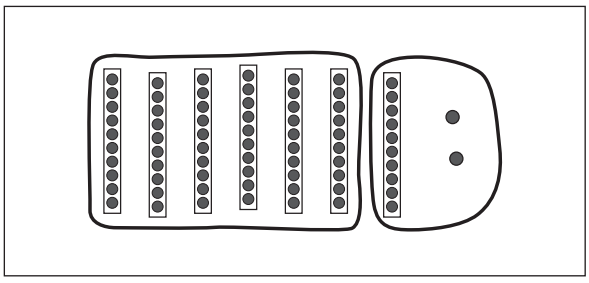
e)



32 : 2 = 16

20	:	2	=	10
12	:	2	=	6

f)



72 : 6 = 12

60	:	6	=	10
12	:	6	=	2

1 Rechne.

a) 60 : 4 = 15
40 : 4 = 10
20 : 4 = 5

b) 60 : 5 = 12
50 : 5 = 10
10 : 5 = 2

c) 48 : 3 = 16
30 : 3 = 10
18 : 3 = 6

d) 84 : 7 = 12
70 : 7 = 10
14 : 7 = 2

e) 72 : 6 = 12
60 : 6 = 10
12 : 6 = 2

f) 52 : 4 = 13
40 : 4 = 10
12 : 4 = 3

g) 34 : 2 = 17
20 : 2 = 10
14 : 2 = 7

h) 70 : 5 = 14
50 : 5 = 10
20 : 5 = 4

i) 96 : 6 = 16
60 : 6 = 10
36 : 6 = 6

2 Rechne.

a) 108 : 9 = 12
90 : 9 = 10
18 : 9 = 2

b) 104 : 8 = 13
80 : 8 = 10
24 : 8 = 3

c) 75 : 5 = 15
50 : 5 = 10
25 : 5 = 5

d) 102 : 6 = 17
60 : 6 = 10
42 : 6 = 7

e) 135 : 9 = 15
90 : 9 = 10
45 : 9 = 5

f) 98 : 7 = 14
70 : 7 = 10
28 : 7 = 4

1 Rechne.

a)
60 : 4 = 15
40 : 4 = 10
20 : 4 = 5

b)
60 : 5 = 12
50 : 5 = 10
10 : 5 = 2

c)
48 : 3 = 16
30 : 3 = 10
18 : 3 = 6

d)
84 : 7 = 12
70 : 7 = 10
14 : 7 = 2

e)
72 : 6 = 12
60 : 6 = 10
12 : 6 = 2

f)
52 : 4 = 13
40 : 4 = 10
12 : 4 = 3

g)
34 : 2 = 17
20 : 2 = 10
14 : 2 = 7

h)
70 : 5 = 14
50 : 5 = 10
20 : 5 = 4

i)
96 : 6 = 16
60 : 6 = 10
36 : 6 = 6

2 Rechne.

a)
108 : 9 = 12
90 : 9 = 10
18 : 9 = 2

b)
104 : 8 = 13
80 : 8 = 10
24 : 8 = 3

c)
75 : 5 = 15
50 : 5 = 10
25 : 5 = 5

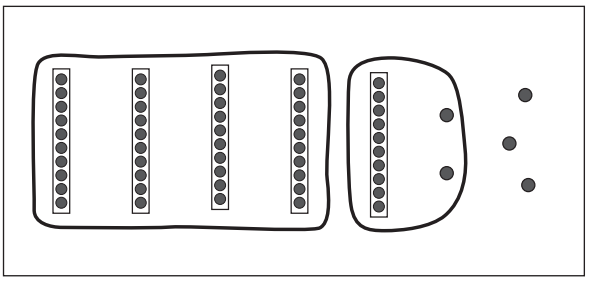
d)
102 : 6 = 17
60 : 6 = 10
42 : 6 = 7

e)
135 : 9 = 15
90 : 9 = 10
45 : 9 = 5

f)
98 : 7 = 14
70 : 7 = 10
28 : 7 = 4

1 Kreise jeweils die Punkte ein, die du ohne Rest dividieren kannst.
Beginne immer zuerst mit den Zehnern.

a)

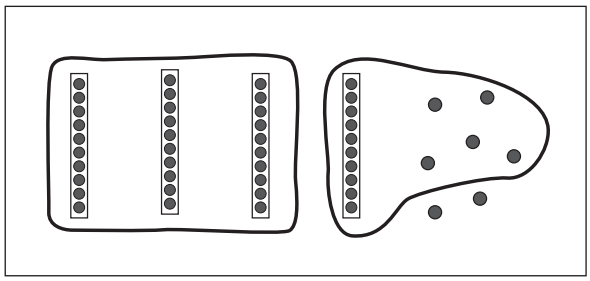


55 : 4 = 13 Rest 3

40 : 4 = 10

15 : 4 = 3 Rest 3

b)

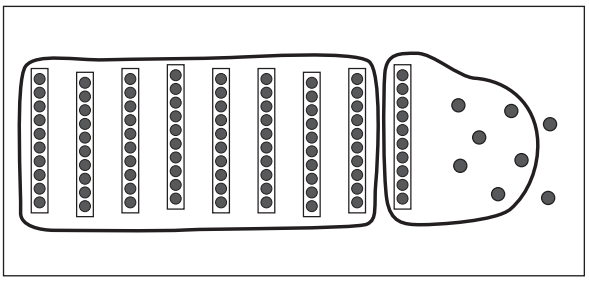


47 : 3 = 15 Rest 2

30 : 3 = 10

17 : 3 = 5 Rest 2

c)

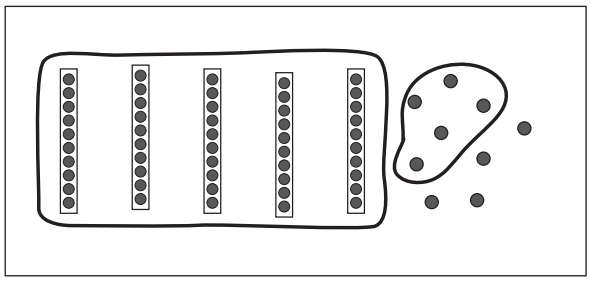


98 : 8 = 12 Rest 2

80 : 8 = 10

18 : 8 = 2 Rest 2

d)

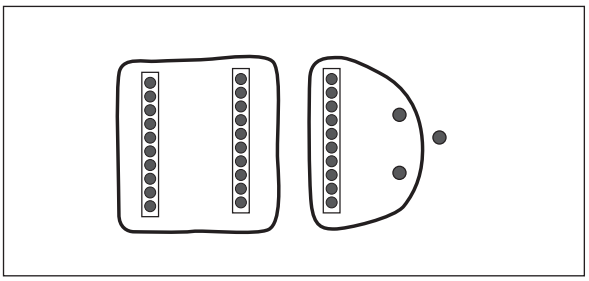


59 : 5 = 11 Rest 4

50 : 5 = 10

9 : 5 = 1 Rest 4

e)

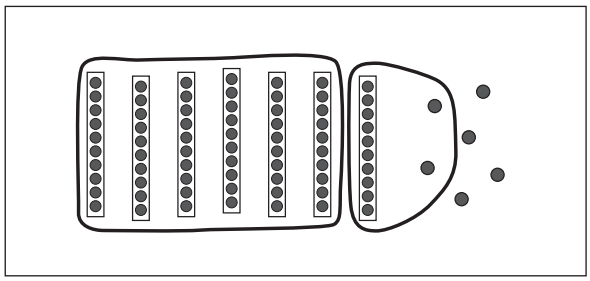


33 : 2 = 16 Rest 1

20 : 2 = 10

13 : 2 = 6 Rest 1

f)



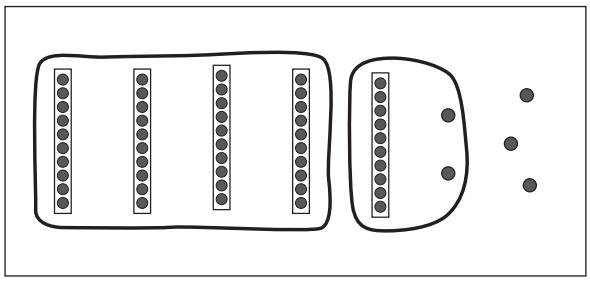
76 : 6 = 12 Rest 4

60 : 6 = 10

16 : 6 = 2 Rest 4

1 Rechne.

a)

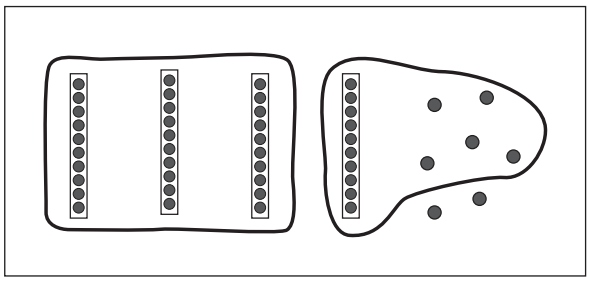


55 : 4 = 13 Rest 3

40 : 4 = 10

15 : 4 = 3 Rest 3

b)

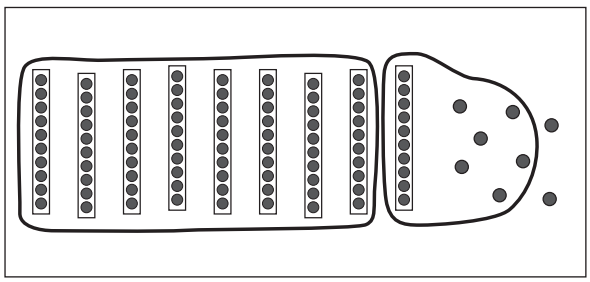


47 : 3 = 15 Rest 2

30 : 3 = 10

17 : 3 = 5 Rest 2

c)

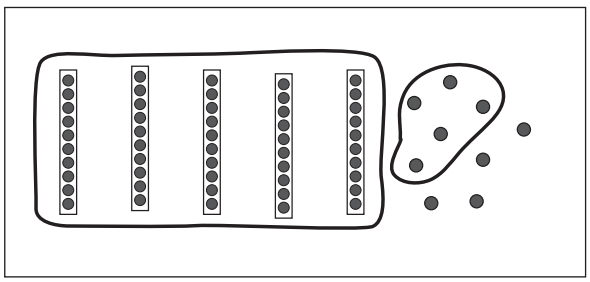


98 : 8 = 12 Rest 2

80 : 8 = 10

18 : 8 = 2 Rest 2

d)

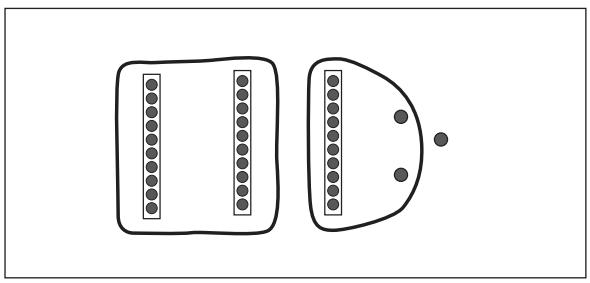


59 : 5 = 11 Rest 4

50 : 5 = 10

9 : 5 = 1 Rest 4

e)

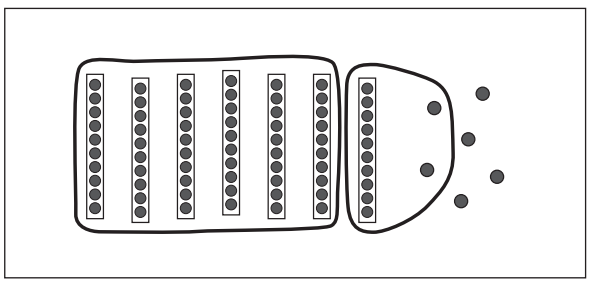


33 : 2 = 16 Rest 1

20 : 2 = 10

13 : 2 = 6 Rest 1

f)



76 : 6 = 12 Rest 4

60 : 6 = 10

16 : 6 = 2 Rest 4

1 Rechne.

a) 62 : 4 = 15 Rest 2

40 : 4 = 10

22 : 4 = 5 Rest 2

b) 65 : 6 = 12 Rest 3

60 : 6 = 10

15 : 6 = 2 Rest 3

c) 53 : 3 = 17 Rest 2

30 : 3 = 10

23 : 3 = 7 Rest 2

d) 25 : 2 = 12 Rest 1

20 : 2 = 10

5 : 2 = 2 Rest 1

e) 64 : 5 = 12 Rest 4

50 : 5 = 10

14 : 5 = 2 Rest 4

f) 80 : 7 = 11 Rest 3

70 : 7 = 10

10 : 7 = 1 Rest 3

g) 100 : 9 = 11 Rest 1

90 : 9 = 10

10 : 9 = 1 Rest 1

h) 103 : 8 = 12 Rest 7

80 : 8 = 10

23 : 8 = 2 Rest 7

1 Rechne.

a)

62 : 4 =	15	Rest	2
40 : 4 =	10		
22 : 4 =	5	Rest	2

b)

65 : 6 =	12	Rest	3
60 : 6 =	10		
15 : 6 =	2	Rest	3

c)

53 : 3 =	17	Rest	2
30 : 3 =	10		
23 : 3 =	7	Rest	2

d)

25 : 2 =	12	Rest	1
20 : 2 =	10		
5 : 2 =	2	Rest	1

e)

64 : 5 =	12	Rest	4
50 : 5 =	10		
14 : 5 =	2	Rest	4

f)

80 : 7 =	11	Rest	3
70 : 7 =	10		
10 : 7 =	1	Rest	3

g)

100 : 9 =	11	Rest	1
90 : 9 =	10		
10 : 9 =	1	Rest	1

h)

103 : 8 =	12	Rest	7
80 : 8 =	10		
23 : 8 =	2	Rest	7

1

a)

2	•	14	=	28	
3	•	14	=	42	
4	•	14	=	*56*	
5	•	14	=	70	
6	•	14	=	84	

b)

4	•	19	=	76	
4	•	18	=	72	
4	•	17	=	*68*	
4	•	16	=	64	
4	•	15	=	60	

c)*

	•		=		
	•		=		
	•		=		
	•		=		
	•		=		

d)

128	:	8	=	16	
136	:	8	=	17	
144	:	8	=	*18*	
152	:	8	=	19	
160	:	8	=	20	

e)

66	:	6	=	11	
77	:	7	=	11	
88	:	8	=	*11*	
99	:	9	=	11	
110	:	10	=	11	

f)

80	:	8	=	10	R	0	
81	:	8	=	10	R	1	
82	:	8	=	*10*	R	*2*	
83	:	8	=	10	R	3	
84	:	8	=	10	R	4	

* individuelle Lösung

1

a)

2	•	14	=	28	
3	•	14	=	42	
4	•	14	=	56	
5	•	14	=	70	
6	•	14	=	84	

b)

4	•	19	=	76	
4	•	18	=	72	
4	•	17	=	68	
4	•	16	=	64	
4	•	15	=	60	

c) *

	•		=		
	•		=		
	•		=		
	•		=		
	•		=		

d)

128	:	8	=	16	
136	:	8	=	17	
144	:	8	=	18	
152	:	8	=	19	
160	:	8	=	20	

e)

66	:	6	=	11	
77	:	7	=	11	
88	:	8	=	11	
99	:	9	=	11	
110	:	10	=	11	

f)

80	:	8	=	10	R	0	
81	:	8	=	10	R	1	
82	:	8	=	10	R	2	
83	:	8	=	10	R	3	
84	:	8	=	10	R	4	

* individuelle Lösung

1 Wie heißt der Lösungssatz?

R	W	H	Z	I	L	G	E	C	O	V	N
12	13	14	15	16	17	18	19	96	104	126	135

120 : 8 =	15	Z	7 · 18 =	126	V	152 : 8 =	19	E
52 : 4 =	13	W	76 : 4 =	19	E	15 · 9 =	135	N
114 : 6 =	19	E	112 : 7 =	16	I	8 · 13 =	104	O
108 : 9 =	12	R	51 : 3 =	17	L	70 : 5 =	14	H
90 : 5 =	18	G	6 · 16 =	96	C	84 : 7 =	12	R
			84 : 6 =	14	H			

Ich heiße

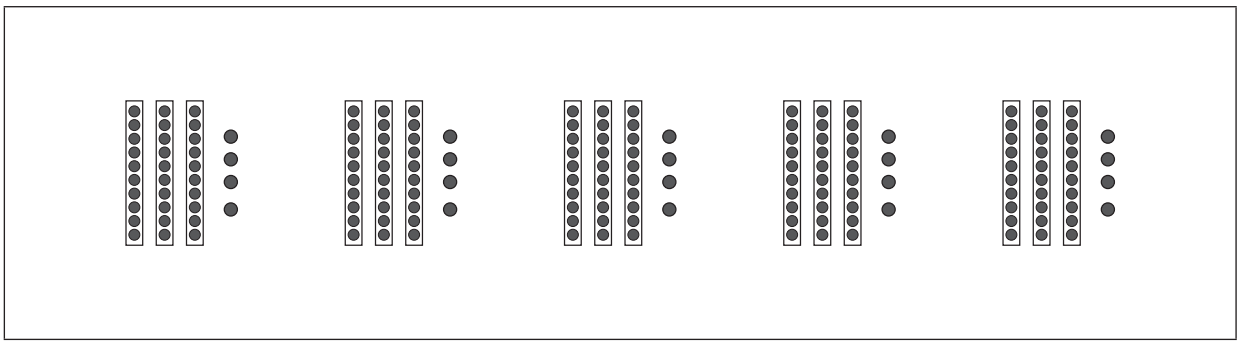
Z	W	E	R	G	V	E	I	L	C	H	E	N	O	H	R

.

Als Kolibri kann ich rückwärts, seitwärts und auf der Stelle fliegen.

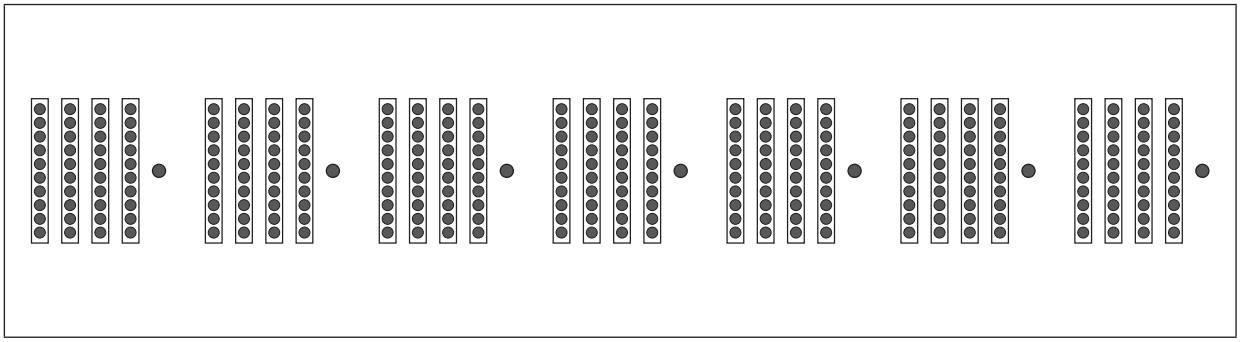
1 Rechne.

a)



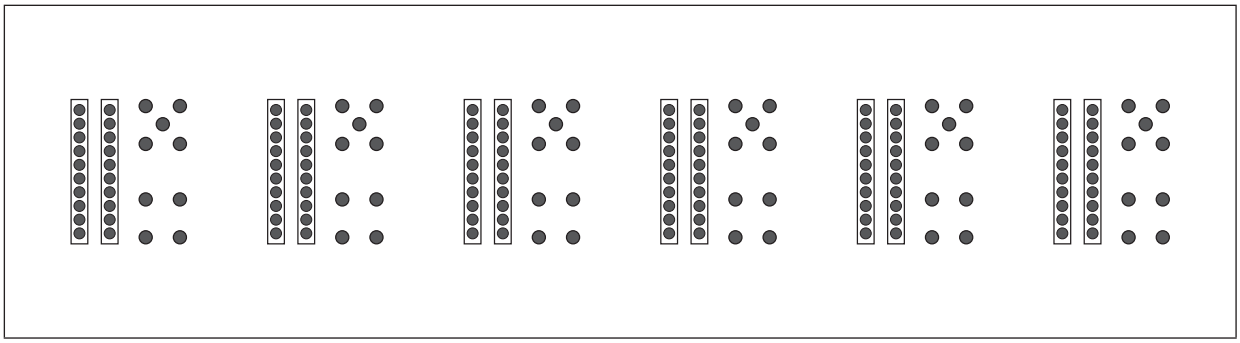
5 • 34 = 170

b)



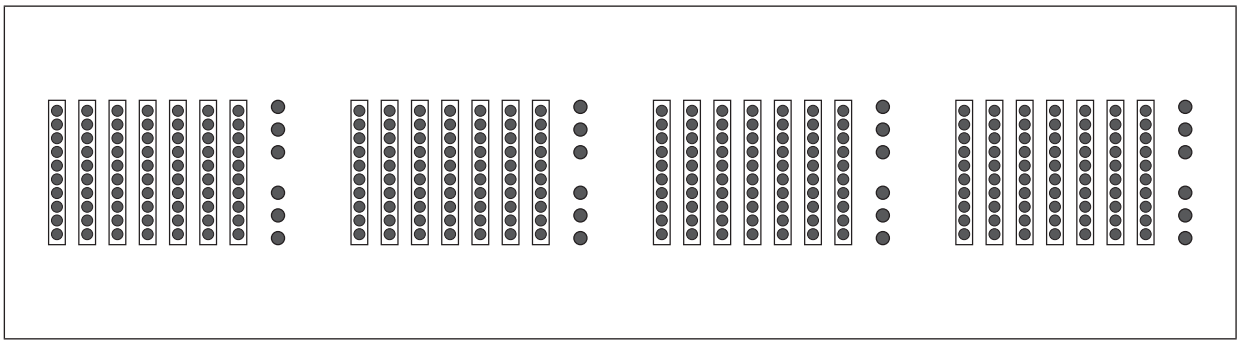
7 • 41 = 287

c)



6 • 29 = 174

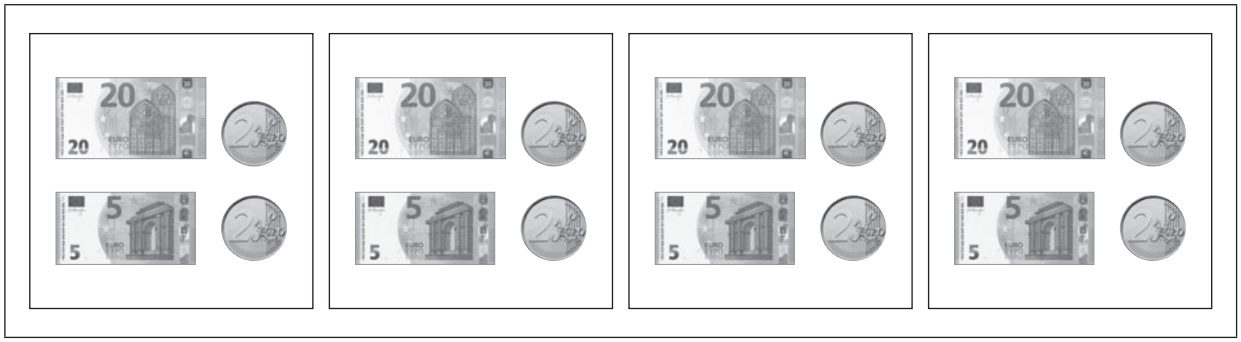
d)



4 • 76 = 304

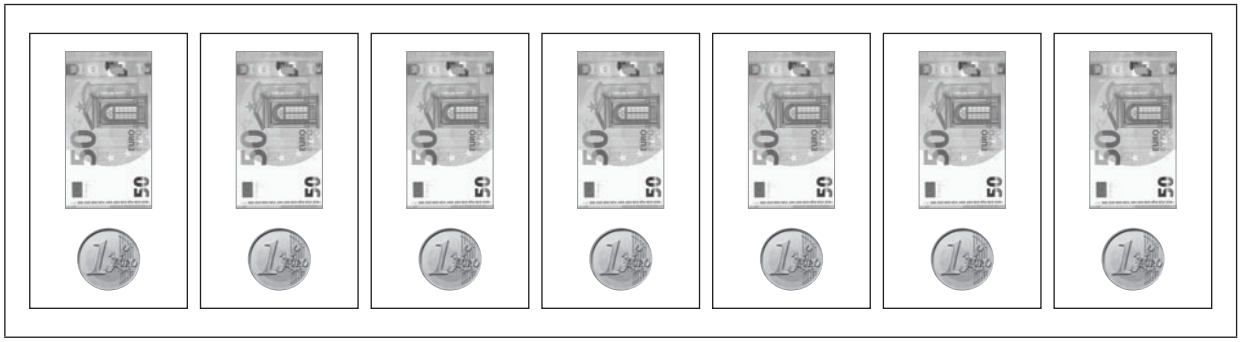
1 Rechne.

a)



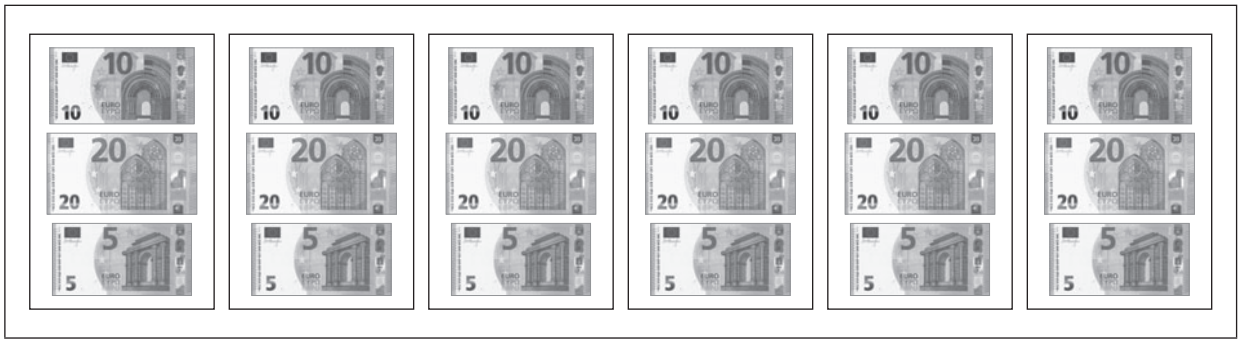
$4 \cdot 29 = 116$

b)



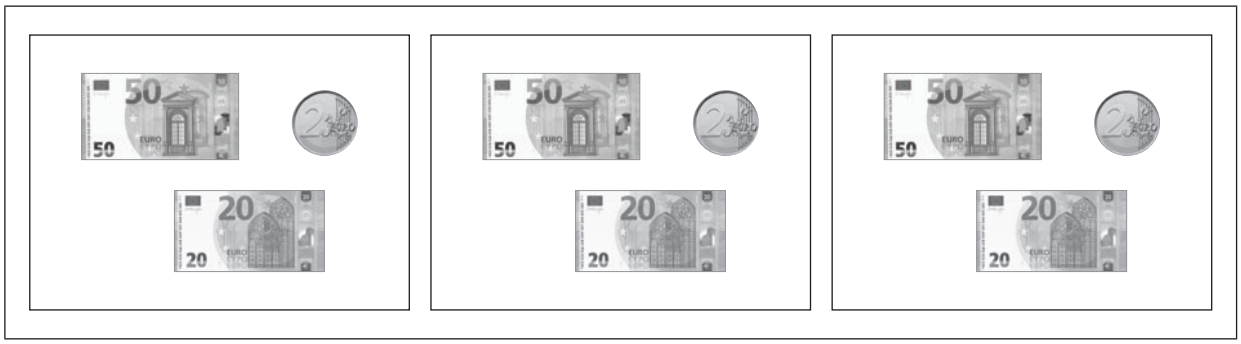
$7 \cdot 51 = 357$

c)



$6 \cdot 35 = 210$

d)



$3 \cdot 72 = 216$

1 Rechne.

a) $8 \cdot 23 = 184$

$8 \cdot 20 = 160$

$8 \cdot 3 = 24$

b) $7 \cdot 54 = 378$

$7 \cdot 50 = 350$

$7 \cdot 4 = 28$

c) $5 \cdot 26 = 130$

$5 \cdot 20 = 100$

$5 \cdot 6 = 30$

d) $2 \cdot 37 = 74$

$2 \cdot 30 = 60$

$2 \cdot 7 = 14$

e) $9 \cdot 61 = 549$

$9 \cdot 60 = 540$

$9 \cdot 1 = 9$

f) $4 \cdot 45 = 180$

$4 \cdot 40 = 160$

$4 \cdot 5 = 20$

g) $3 \cdot 78 = 234$

$3 \cdot 70 = 210$

$3 \cdot 8 = 24$

h) $7 \cdot 29 = 203$

$7 \cdot 20 = 140$

$7 \cdot 9 = 63$

i) $6 \cdot 32 = 192$

$6 \cdot 30 = 180$

$6 \cdot 2 = 12$

2 Rechne.

a) $5 \cdot 23 = 115$

$5 \cdot 20 = 100$

$5 \cdot 3 = 15$

b) $8 \cdot 46 = 368$

$8 \cdot 40 = 320$

$8 \cdot 6 = 48$

c) $4 \cdot 38 = 152$

$4 \cdot 30 = 120$

$4 \cdot 8 = 32$

d) $3 \cdot 71 = 213$

$3 \cdot 70 = 210$

$3 \cdot 1 = 3$

e) $6 \cdot 67 = 402$

$6 \cdot 60 = 360$

$6 \cdot 7 = 42$

f) $7 \cdot 84 = 588$

$7 \cdot 80 = 560$

$7 \cdot 4 = 28$

1 Rechne.

a) $8 \cdot 23 = 184$

$8 \cdot 20 = 160$

$8 \cdot 3 = 24$

b) $7 \cdot 54 = 378$

$7 \cdot 50 = 350$

$7 \cdot 4 = 28$

c) $5 \cdot 26 = 130$

$5 \cdot 20 = 100$

$5 \cdot 6 = 30$

d) $2 \cdot 37 = 74$

$2 \cdot 30 = 60$

$2 \cdot 7 = 14$

e) $9 \cdot 61 = 549$

$9 \cdot 60 = 540$

$9 \cdot 1 = 9$

f) $4 \cdot 45 = 180$

$4 \cdot 40 = 160$

$4 \cdot 5 = 20$

g) $3 \cdot 78 = 234$

$3 \cdot 70 = 210$

$3 \cdot 8 = 24$

h) $7 \cdot 29 = 203$

$7 \cdot 20 = 140$

$7 \cdot 9 = 63$

i) $6 \cdot 32 = 192$

$6 \cdot 30 = 180$

$6 \cdot 2 = 12$

2 Rechne.

a) $5 \cdot 23 = 115$

$5 \cdot 20 = 100$

$5 \cdot 3 = 15$

b) $8 \cdot 46 = 368$

$8 \cdot 40 = 320$

$8 \cdot 6 = 48$

c) $4 \cdot 38 = 152$

$4 \cdot 30 = 120$

$4 \cdot 8 = 32$

d) $3 \cdot 71 = 213$

$3 \cdot 70 = 210$

$3 \cdot 1 = 3$

e) $6 \cdot 67 = 402$

$6 \cdot 60 = 360$

$6 \cdot 7 = 42$

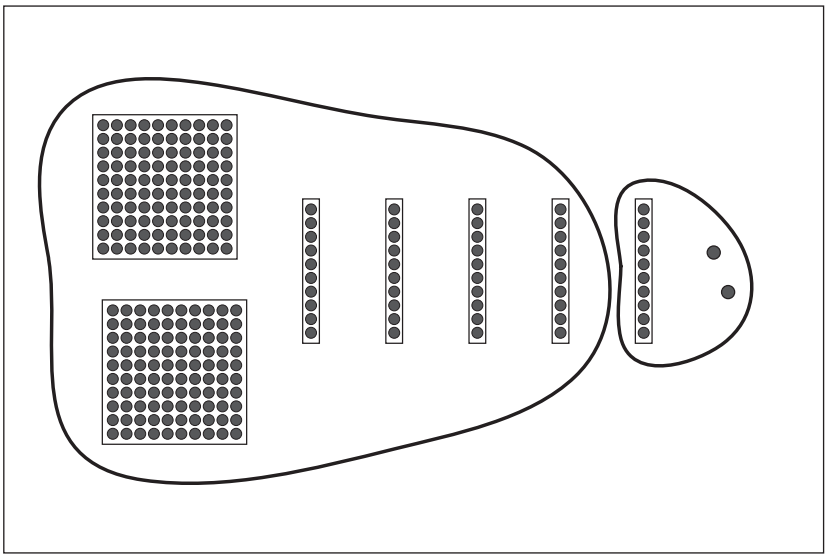
f) $7 \cdot 84 = 588$

$7 \cdot 80 = 560$

$7 \cdot 4 = 28$

1 Kreise ein und rechne.

a)

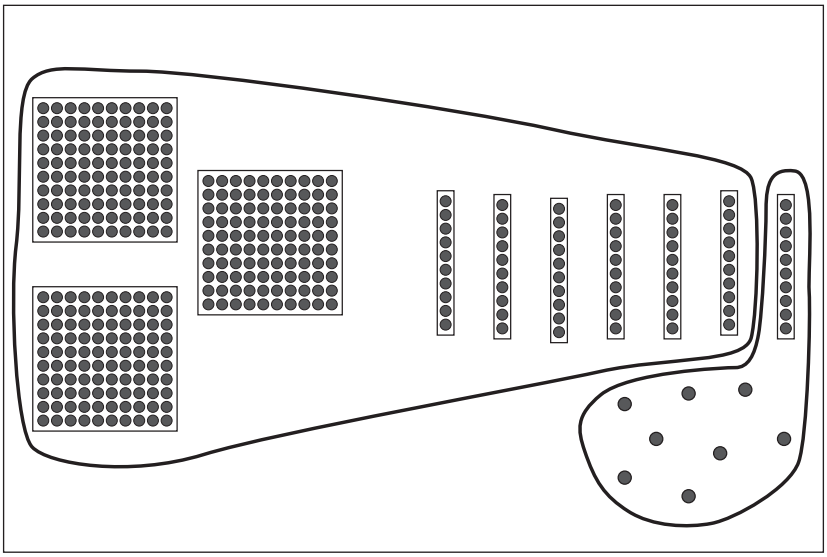


252 : 4 = 63

240 : 4 = 60

12 : 4 = 3

b)

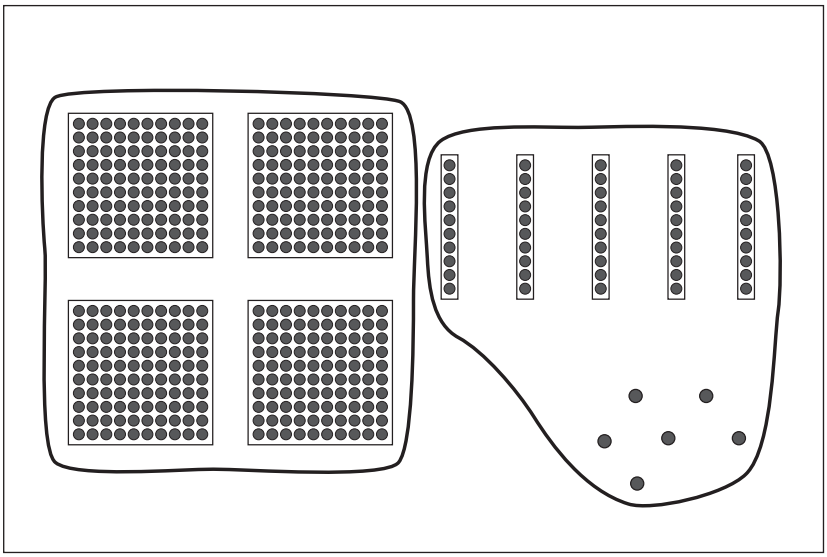


378 : 6 = 63

360 : 6 = 60

18 : 6 = 3

c)



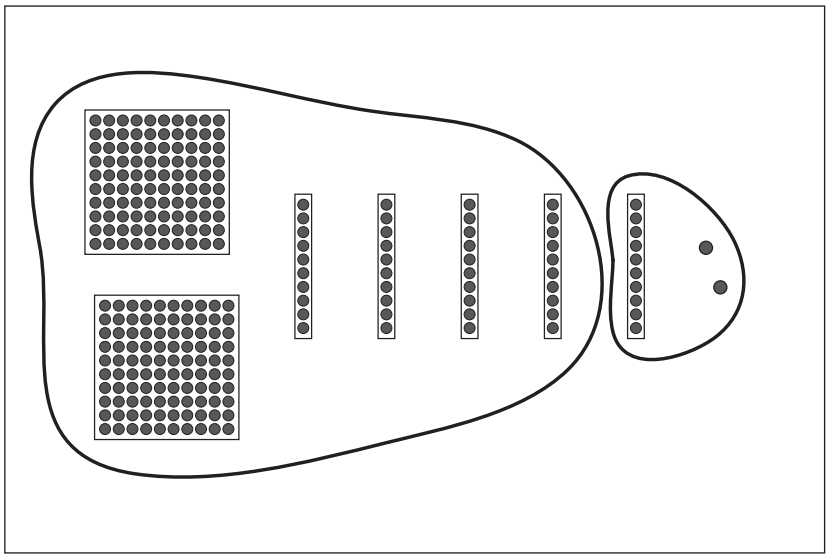
456 : 8 = 57

400 : 8 = 50

56 : 8 = 7

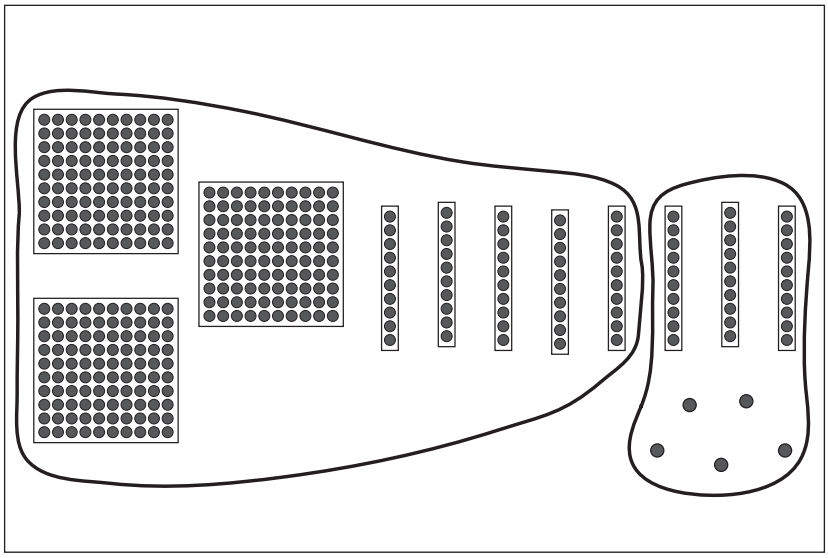
1 Kreise ein und rechne.

a)



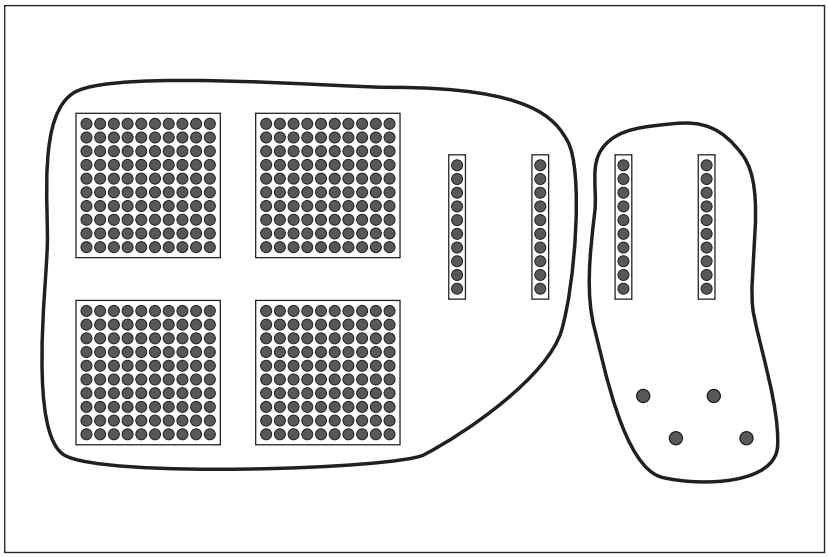
252	:	4	=	63
240	:	4	=	60
12	:	4	=	3

b)



385	:	5	=	77
350	:	5	=	70
35	:	5	=	7

c)



444	:	6	=	74
420	:	6	=	70
24	:	6	=	4

1 Rechne.

a) 114 : 3 = 38
90 : 3 = 30
24 : 3 = 8

b) 192 : 8 = 24
160 : 8 = 20
32 : 8 = 4

c) 231 : 7 = 33
210 : 7 = 30
21 : 7 = 3

d) 348 : 4 = 87
320 : 4 = 80
28 : 4 = 7

e) 455 : 7 = 65
420 : 7 = 60
35 : 7 = 5

f) 336 : 4 = 84
320 : 4 = 80
16 : 4 = 4

g) 188 : 2 = 94
180 : 2 = 90
8 : 2 = 4

h) 385 : 5 = 77
350 : 5 = 70
35 : 5 = 7

i) 444 : 6 = 74
420 : 6 = 70
24 : 6 = 4

2 Rechne.

a) 234 : 9 = 26
180 : 9 = 20
54 : 9 = 6

b) 584 : 8 = 73
560 : 8 = 70
24 : 8 = 3

c) 455 : 5 = 91
450 : 5 = 90
5 : 5 = 1

d) 342 : 6 = 57
300 : 6 = 50
42 : 6 = 7

e) 612 : 9 = 68
540 : 9 = 60
72 : 9 = 8

f) 588 : 7 = 84
560 : 7 = 80
28 : 7 = 4

1 Rechne.

a) 114 : 3 = 38

90 : 3 = 30

24 : 3 = 8

b) 192 : 8 = 24

160 : 8 = 20

32 : 8 = 4

c) 231 : 7 = 33

210 : 7 = 30

21 : 7 = 3

d) 348 : 4 = 87

320 : 4 = 80

28 : 4 = 7

e) 455 : 7 = 65

420 : 7 = 60

35 : 7 = 5

f) 336 : 4 = 84

320 : 4 = 80

16 : 4 = 4

g) 188 : 2 = 94

180 : 2 = 90

8 : 2 = 4

h) 385 : 5 = 77

350 : 5 = 70

35 : 5 = 7

i) 444 : 6 = 74

420 : 6 = 70

24 : 6 = 4

2 Rechne.

a) 234 : 9 = 26

180 : 9 = 20

54 : 9 = 6

b) 584 : 8 = 73

560 : 8 = 70

24 : 8 = 3

c) 455 : 5 = 91

450 : 5 = 90

5 : 5 = 1

d) 342 : 6 = 57

300 : 6 = 50

42 : 6 = 7

e) 612 : 9 = 68

540 : 9 = 60

72 : 9 = 8

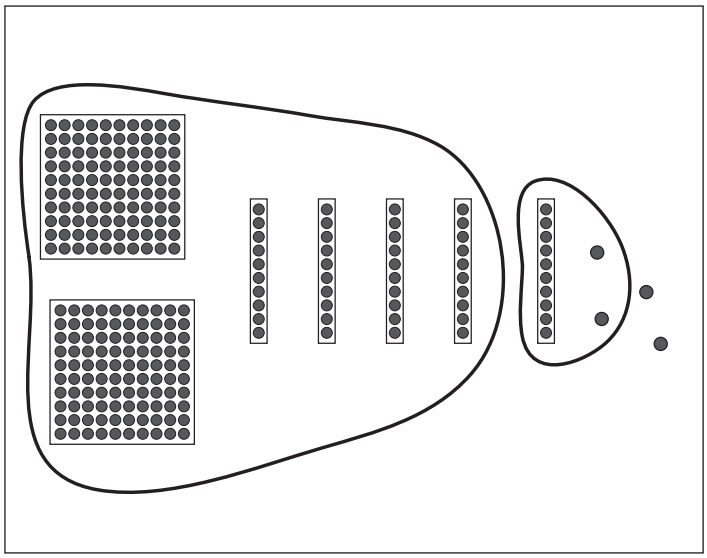
f) 588 : 7 = 84

560 : 7 = 80

28 : 7 = 4

1 Kreise ein und rechne.

a)

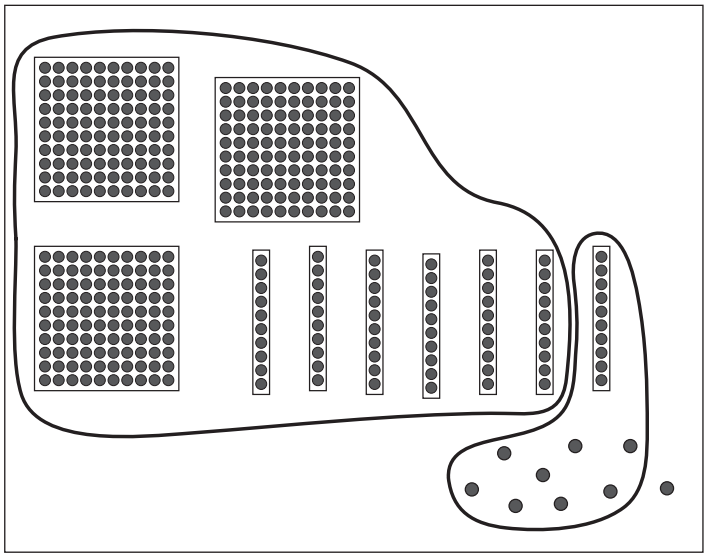


254 : 3 = 84 Rest 2

240 : 3 = 80

14 : 3 = 4 Rest 2

b)

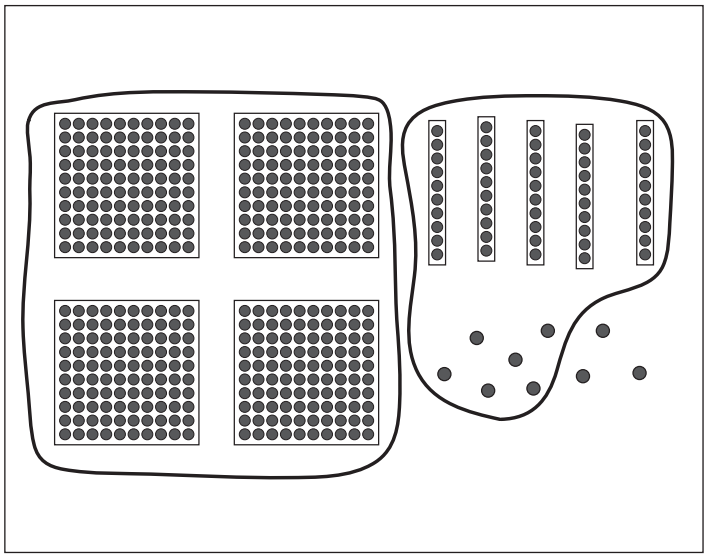


379 : 6 = 63 Rest 1

360 : 6 = 60

19 : 6 = 3 Rest 1

c)



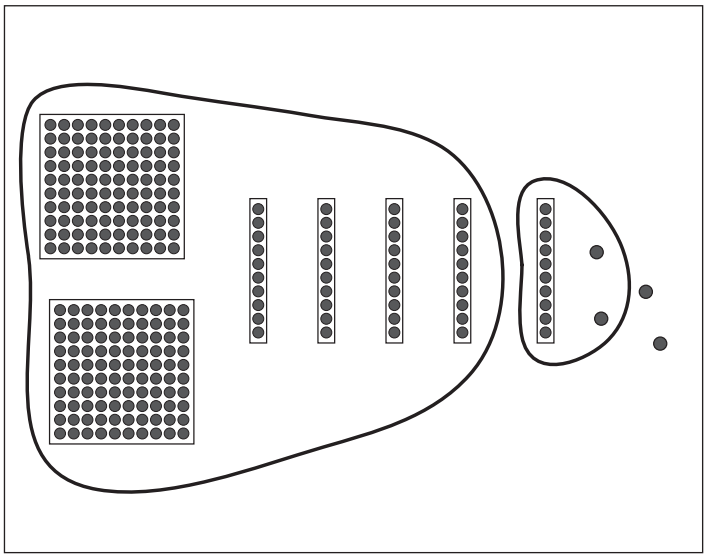
459 : 8 = 57 Rest 3

400 : 8 = 50

59 : 8 = 7 Rest 3

1 Kreise ein und rechne.

a)

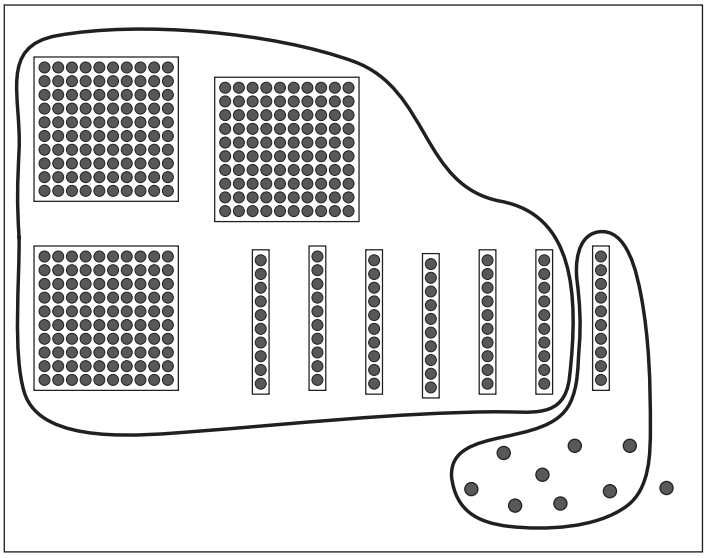


254 : 3 = 84 Rest 2

240 : 3 = 80

14 : 3 = 4 Rest 2

b)

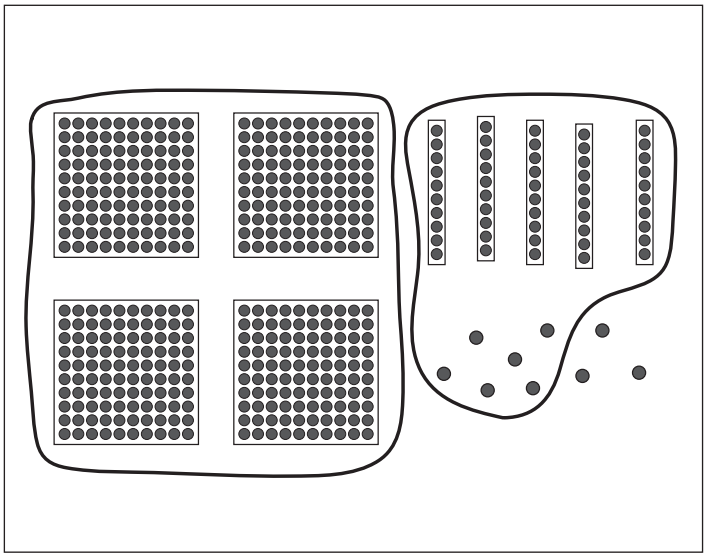


379 : 6 = 63 Rest 1

360 : 6 = 60

19 : 6 = 3 Rest 1

c)



459 : 8 = 57 Rest 3

400 : 8 = 50

59 : 8 = 7 Rest 3

1 Rechne.

a) 169 : 4 = 42 Rest 1

160 : 4 = 40

9 : 4 = 2 Rest 1

b) 265 : 6 = 44 Rest 1

240 : 6 = 40

25 : 6 = 4 Rest 1

c) 254 : 3 = 84 Rest 2

240 : 3 = 80

14 : 3 = 4 Rest 2

d) 125 : 2 = 62 Rest 1

120 : 2 = 60

5 : 2 = 2 Rest 1

e) 364 : 5 = 72 Rest 4

350 : 5 = 70

14 : 5 = 2 Rest 4

f) 180 : 7 = 25 Rest 5

140 : 7 = 20

40 : 7 = 5 Rest 5

g) 466 : 9 = 51 Rest 7

450 : 9 = 50

16 : 9 = 1 Rest 7

h) 582 : 8 = 72 Rest 6

560 : 8 = 70

22 : 8 = 2 Rest 6

1 Rechne.

a) 169 : 4 = 42 Rest 1

160 : 4 = 40

9 : 4 = 2 Rest 1

b) 265 : 6 = 44 Rest 1

240 : 6 = 40

25 : 6 = 4 Rest 1

c) 254 : 3 = 84 Rest 2

240 : 3 = 80

14 : 3 = 4 Rest 2

d) 125 : 2 = 62 Rest 1

120 : 2 = 60

5 : 2 = 2 Rest 1

e) 364 : 5 = 72 Rest 4

350 : 5 = 70

14 : 5 = 2 Rest 4

f) 180 : 7 = 25 Rest 5

140 : 7 = 20

40 : 7 = 5 Rest 5

g) 466 : 9 = 51 Rest 7

450 : 9 = 50

16 : 9 = 1 Rest 7

h) 582 : 8 = 72 Rest 6

560 : 8 = 70

22 : 8 = 2 Rest 6

1

a)

2	•	23	=	46	
3	•	23	=	69	
4	•	23	=	*92*	
5	•	*23*	=	*115*	
6	•	*23*	=	*138*	

b)

4	•	34	=	136	
4	•	35	=	140	
4	•	36	=	*144*	
4	•	*37*	=	*148*	
4	•	*38*	=	*152*	

c) *

	•		=		
	•		=		
	•		=		
	•		=		
	•		=		

d)

200	:	8	=	25	
192	:	8	=	24	
184	:	8	=	*23*	
176	:	*8*	=	*22*	
168	:	*8*	=	*21*	

e)

198	:	6	=	33	
231	:	7	=	33	
264	:	8	=	*33*	
297	:	*9*	=	*33*	
330	:	*10*	=	*33*	

f)

240	:	6	=	40	R	0
242	:	6	=	40	R	2
244	:	6	=	*40*	R	*4*
246	:	6	=	*41*	R	*0*
248	:	6	=	*41*	R	*2*

* individuelle Lösung

1 Wie heißt der Lösungssatz?

T	N	E	D	W	L	A	B	S
18	33	47	65	180	294	384	496	588

5 · 36 =	180	W	49 · 6 =	294	L	8 · 62 =	496	B
48 · 8 =	384	A	297 : 9 =	33	N	3 · 98 =	294	L
231 : 7 =	33	N	195 : 3 =	65	D	96 · 4 =	384	A
390 : 6 =	65	D	188 : 4 =	47	E	144 : 8 =	18	T
376 : 8 =	47	E	7 · 84 =	588	S	126 : 7 =	18	T

Ich heiße

W	A	N	D	E	L	N	D	E	S

B	L	A	T	T

und gehöre zur Familie der Gespensterschrecken.

1 Rechne.

a) 3 · 247 = 741

3 · 200 = 600
3 · 40 = 120
3 · 7 = 21

b) 6 · 112 = 672

6 · 100 = 600
6 · 10 = 60
6 · 2 = 12

c) 4 · 143 = 572

4 · 100 = 400
4 · 40 = 160
4 · 3 = 12

d) 6 · 119 = 714

6 · 100 = 600
6 · 10 = 60
6 · 9 = 54

e) 3 · 259 = 777

3 · 200 = 600
3 · 50 = 150
3 · 9 = 27

f) 7 · 142 = 994

7 · 100 = 700
7 · 40 = 280
7 · 2 = 14

g) 5 · 132 = 660

5 · 100 = 500
5 · 30 = 150
5 · 2 = 10

h) 8 · 125 = 1000

8 · 100 = 800
8 · 20 = 160
8 · 5 = 40

i) 2 · 376 = 752

2 · 300 = 600
2 · 70 = 140
2 · 6 = 12

2 Rechne.

a) 4 · 199 = 796

4 · 200 = 800
4 · 1 = 4

b) 3 · 299 = 897

3 · 300 = 900
3 · 1 = 3

c) 2 · 399 = 798

2 · 400 = 800
2 · 1 = 2

d) 3 · 198 = 594

3 · 200 = 600
3 · 2 = 6

e) 4 · 195 = 780

4 · 200 = 800
4 · 5 = 20

f) 2 · 197 = 394

2 · 200 = 400
2 · 3 = 6

1 Rechne.

a)
3 · 247 =	741
3 · 200 =	600
3 · 40 =	120
3 · 7 =	21

b)
6 · 112 =	672
6 · 100 =	600
6 · 10 =	60
6 · 2 =	12

c)
4 · 143 =	572
4 · 100 =	400
4 · 40 =	160
4 · 3 =	12

d)
6 · 119 =	714
6 · 100 =	600
6 · 10 =	60
6 · 9 =	54

e)
3 · 259 =	777
3 · 200 =	600
3 · 50 =	150
3 · 9 =	27

f)
7 · 142 =	994
7 · 100 =	700
7 · 40 =	280
7 · 2 =	14

g)
5 · 132 =	660
5 · 100 =	500
5 · 30 =	150
5 · 2 =	10

h)
8 · 125 =	1000
8 · 100 =	800
8 · 20 =	160
8 · 5 =	40

i)
2 · 376 =	752
2 · 300 =	600
2 · 70 =	140
2 · 6 =	12

2 Rechne.

a)
4 · 199 =	796
4 · 200 =	800
4 · 1 =	4

b)
3 · 299 =	897
3 · 300 =	900
3 · 1 =	3

c)
2 · 399 =	798
2 · 400 =	800
2 · 1 =	2

d)
3 · 198 =	594
3 · 200 =	600
3 · 2 =	6

e)
4 · 195 =	780
4 · 200 =	800
4 · 5 =	20

f)
2 · 197 =	394
2 · 200 =	400
2 · 3 =	6

1 Rechne.

a) 836 : 4 = 209

800 : 4 = 200

36 : 4 = 9

b) 630 : 6 = 105

600 : 6 = 100

30 : 6 = 5

c) 749 : 7 = 107

700 : 7 = 100

49 : 7 = 7

d) 416 : 2 = 208

400 : 2 = 200

16 : 2 = 8

e) 627 : 3 = 209

600 : 3 = 200

27 : 3 = 9

f) 545 : 5 = 109

500 : 5 = 100

45 : 5 = 9

g) 921 : 3 = 307

900 : 3 = 300

21 : 3 = 7

h) 828 : 4 = 207

800 : 4 = 200

28 : 4 = 7

i) 856 : 8 = 107

800 : 8 = 100

56 : 8 = 7

2 Rechne.

a) 192 : 8 = 24

160 : 8 = 20

32 : 8 = 4

b) 188 : 4 = 47

160 : 4 = 40

28 : 4 = 7

c) 162 : 6 = 27

120 : 6 = 20

42 : 6 = 7

d) 234 : 3 = 78

210 : 3 = 70

24 : 3 = 8

e) 336 : 4 = 84

320 : 4 = 80

16 : 4 = 4

f) 365 : 5 = 73

350 : 5 = 70

15 : 5 = 3

1 Rechne.

a) 836 : 4 = 209
800 : 4 = 200
36 : 4 = 9

b) 630 : 6 = 105
600 : 6 = 100
30 : 6 = 5

c) 749 : 7 = 107
700 : 7 = 100
49 : 7 = 7

d) 416 : 2 = 208
400 : 2 = 200
16 : 2 = 8

e) 627 : 3 = 209
600 : 3 = 200
27 : 3 = 9

f) 545 : 5 = 109
500 : 5 = 100
45 : 5 = 9

g) 921 : 3 = 307
900 : 3 = 300
21 : 3 = 7

h) 828 : 4 = 207
800 : 4 = 200
28 : 4 = 7

i) 856 : 8 = 107
800 : 8 = 100
56 : 8 = 7

2 Rechne.

a) 192 : 8 = 24
160 : 8 = 20
32 : 8 = 4

b) 188 : 4 = 47
160 : 4 = 40
28 : 4 = 7

c) 162 : 6 = 27
120 : 6 = 20
42 : 6 = 7

d) 234 : 3 = 78
210 : 3 = 70
24 : 3 = 8

e) 336 : 4 = 84
320 : 4 = 80
16 : 4 = 4

f) 365 : 5 = 73
350 : 5 = 70
15 : 5 = 3

1 Rechne.

a) 269 : 3 = 89 Rest 2

240 : 3 = 80

29 : 3 = 9 Rest 2

b) 235 : 8 = 29 Rest 3

160 : 8 = 20

75 : 8 = 9 Rest 3

c) 874 : 9 = 97 Rest 1

810 : 9 = 90

64 : 9 = 7 Rest 1

d) 423 : 5 = 84 Rest 3

400 : 5 = 80

23 : 5 = 4 Rest 3

e) 493 : 6 = 82 Rest 1

480 : 6 = 80

13 : 6 = 2 Rest 1

f) 502 : 7 = 71 Rest 5

490 : 7 = 70

12 : 7 = 1 Rest 5

g) 378 : 4 = 94 Rest 2

360 : 4 = 90

18 : 4 = 4 Rest 2

h) 218 : 3 = 72 Rest 2

210 : 3 = 70

8 : 3 = 2 Rest 2

1 Rechne.

a) 269 : 3 = 89 Rest 2

240 : 3 = 80

29 : 3 = 9 Rest 2

b) 235 : 8 = 29 Rest 3

160 : 8 = 20

75 : 8 = 9 Rest 3

c) 874 : 9 = 87 Rest 1

810 : 9 = 80

64 : 9 = 7 Rest 1

d) 423 : 5 = 84 Rest 3

400 : 5 = 80

23 : 5 = 4 Rest 3

e) 493 : 6 = 82 Rest 1

480 : 6 = 80

13 : 6 = 2 Rest 1

f) 502 : 7 = 71 Rest 5

490 : 7 = 70

12 : 7 = 1 Rest 5

g) 378 : 4 = 94 Rest 2

360 : 4 = 90

18 : 4 = 4 Rest 2

h) 218 : 3 = 72 Rest 2

210 : 3 = 70

8 : 3 = 2 Rest 2