

Mit Teste-dich-Seiten



Mein Anoki-Übungsheft:

Mathematik kompakt 4

Richtig rechnen – Sachrechnen – Geometrie

Lösungen

 Klett

So lernst du mit dem Anoki-Übungsheft

100 : 7 = ____ 250 : 50 = ____
20 : 70 = ____ 25 : 5 = ____
42 : 7 = ____ 2500 : 50 = ____
72 : 8 = ____ 360 : 90 = ____
200 : 80 = ____ 36 : 9 = ____
20 : 80 = ____ 3600 : 90 = ____

Ankiere Aufgaben (3)

:	7	70	700
6300			
63000			
630000			

:	9	90	900
7200			
7000			
0000			

Übungsseiten

Deine Lehrerin/
dein Lehrer kreuzt an,
was du bearbeiten sollst.

5

Mach Pause!

480 : 6

Mach-Pause-Seiten

Hier kannst du knobeln,
malen oder rätseln.

Teste dich!

300s 72h
15min 12 Stunden

Teste-dich-Seiten

Hier kannst du dein
Wissen testen.

Passend zu diesem Heft gibt es ein eBook (ECN60106EBA12). Auf den Seiten im Heft zeigen dir die Symbole, wozu es im eBook



Erklärfilme



Hörtexte und



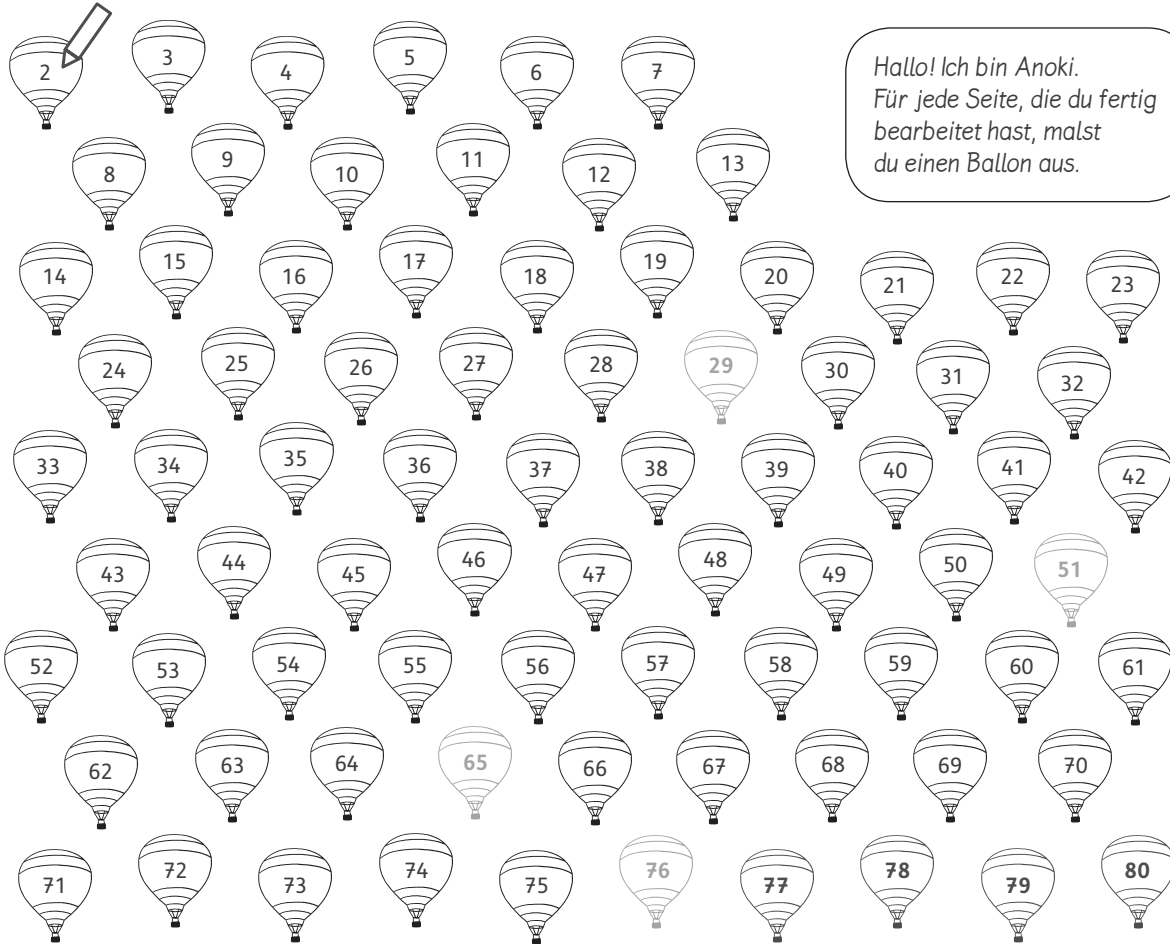
digitale Übungen gibt.



Für **weitere Informationen** zu den Anoki-Übungsheften den QR-Code scannen oder **5f5m29** auf www.klett.de eingeben.



Für **Lösungen** zu diesem Anoki-Übungsheft den QR-Code scannen oder **84ch9z** auf www.klett.de eingeben.

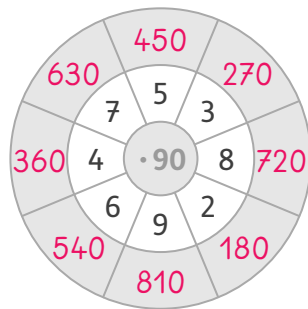
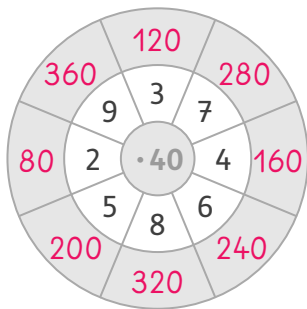
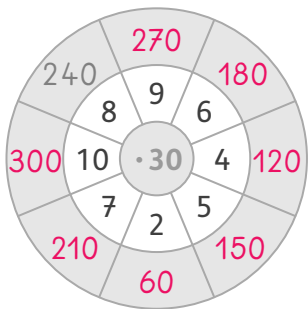


Hallo! Ich bin Anoki.
Für jede Seite, die du fertig
bearbeitet hast, malst
du einen Ballon aus.





1



2

$\cdot 50$	
8	400
5	250
6	300
3	150
9	450
7	350
4	200
1	50
0	0

$\cdot 80$	
7	560
2	160
4	320
8	640
5	400
6	480
9	720
3	240
1	80

$\cdot 20$	
5	100
4	80
7	140
9	180
6	120
2	40
8	160
3	60
10	200

$\cdot 70$	
1	70
10	700
2	140
6	420
8	560
7	490
9	630
0	0
5	350

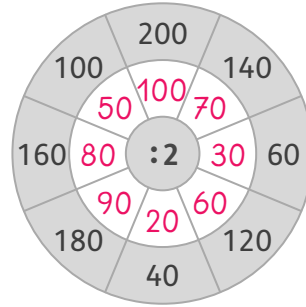
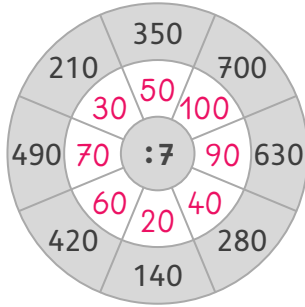
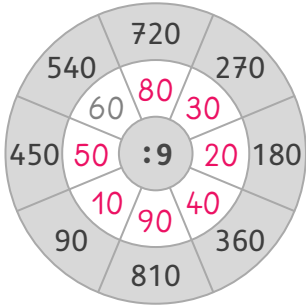
$\cdot 40$	
8	320
6	240
5	200
3	120
7	280
9	360
4	160
2	80
10	400

$\cdot 60$	
9	540
6	360
8	480
7	420
4	240
2	120
5	300
10	600
3	180

Einmaleins



1



2

: 8	
320	40
160	20
480	60
640	80
400	50
560	70
720	90
240	30
800	100

: 5	
250	50
150	30
450	90
400	80
100	20
500	100
350	70
300	60
200	40

: 3	
90	30
270	90
300	100
180	60
210	70
150	50
240	80
60	20
30	10

: 7	
70	10
700	100
140	20
420	60
560	80
490	70
630	90
210	30
350	50

: 4	
160	40
40	10
120	30
400	100
200	50
32	8
320	80
240	60
280	70

: 6	
360	60
60	10
240	40
120	20
540	90
420	70
480	80
300	50
180	30

Einmaleins



$$\begin{array}{l} 1 \quad 3 \cdot 85 = \underline{255} \\ 3 \cdot 80 = \underline{240} \\ 3 \cdot 5 = \underline{15} \end{array}$$

$$\begin{array}{l} 5 \cdot 98 = \underline{490} \\ 5 \cdot 90 = \underline{450} \\ 5 \cdot 8 = \underline{40} \end{array}$$

$$\begin{array}{l} 2 \cdot 27 = \underline{54} \\ 2 \cdot 20 = \underline{40} \\ 2 \cdot 7 = \underline{14} \end{array}$$

$$\begin{array}{l} 3 \cdot 43 = \underline{129} \\ 3 \cdot 40 = \underline{120} \\ 3 \cdot 3 = \underline{9} \end{array}$$

$$\begin{array}{l} 2 \quad 4 \cdot 46 = \underline{184} \\ 4 \cdot 40 = \underline{160} \\ 4 \cdot 6 = \underline{24} \end{array}$$

$$\begin{array}{l} 3 \cdot 63 = \underline{189} \\ 3 \cdot 60 = \underline{180} \\ 3 \cdot 3 = \underline{9} \end{array}$$

$$\begin{array}{l} 4 \cdot 79 = \underline{316} \\ 4 \cdot 70 = \underline{280} \\ 4 \cdot 9 = \underline{36} \end{array}$$

$$\begin{array}{l} 5 \cdot 71 = \underline{355} \\ 5 \cdot 70 = \underline{350} \\ 5 \cdot 1 = \underline{5} \end{array}$$

$$\begin{array}{l} 3 \quad 7 \cdot 42 = \underline{294} \\ 7 \cdot 40 = \underline{280} \\ 7 \cdot 2 = \underline{14} \end{array}$$

$$\begin{array}{l} 6 \cdot 58 = \underline{348} \\ 6 \cdot 50 = \underline{300} \\ 6 \cdot 8 = \underline{48} \end{array}$$

$$\begin{array}{l} 5 \cdot 36 = \underline{180} \\ 5 \cdot 30 = \underline{150} \\ 5 \cdot 6 = \underline{30} \end{array}$$

$$\begin{array}{l} 6 \cdot 44 = \underline{264} \\ 6 \cdot 40 = \underline{240} \\ 6 \cdot 4 = \underline{24} \end{array}$$

$$\begin{array}{l} 4 \quad 4 \cdot 238 = \underline{952} \\ 4 \cdot 200 = \underline{800} \\ 4 \cdot 30 = \underline{120} \\ 4 \cdot 8 = \underline{32} \end{array}$$

$$\begin{array}{l} 3 \cdot 269 = \underline{807} \\ 3 \cdot 200 = \underline{600} \\ 3 \cdot 60 = \underline{180} \\ 3 \cdot 9 = \underline{27} \end{array}$$

$$\begin{array}{l} 5 \cdot 156 = \underline{780} \\ 5 \cdot 100 = \underline{500} \\ 5 \cdot 50 = \underline{250} \\ 5 \cdot 6 = \underline{30} \end{array}$$

$$\begin{array}{l} 4 \cdot 127 = \underline{508} \\ 4 \cdot 100 = \underline{400} \\ 4 \cdot 20 = \underline{80} \\ 4 \cdot 7 = \underline{28} \end{array}$$



1

$$\begin{array}{r} 69 : 3 = \underline{23} \\ \hline \end{array}$$

$$\begin{array}{r} 60 : 3 = \underline{20} \\ \hline \end{array}$$

$$\begin{array}{r} 9 : 3 = \underline{3} \\ \hline \end{array}$$

$$\begin{array}{r} 88 : 8 = \underline{11} \\ \hline \end{array}$$

$$\begin{array}{r} 80 : 8 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 8 : 8 = \underline{1} \\ \hline \end{array}$$

$$\begin{array}{r} 55 : 5 = \underline{11} \\ \hline \end{array}$$

$$\begin{array}{r} 50 : 5 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 5 : 5 = \underline{1} \\ \hline \end{array}$$

$$\begin{array}{r} 39 : 3 = \underline{13} \\ \hline \end{array}$$

$$\begin{array}{r} 30 : 3 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 9 : 3 = \underline{3} \\ \hline \end{array}$$

2

$$\begin{array}{r} 75 : 5 = \underline{15} \\ \hline \end{array}$$

$$\begin{array}{r} 50 : 5 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 25 : 5 = \underline{5} \\ \hline \end{array}$$

$$\begin{array}{r} 72 : 4 = \underline{18} \\ \hline \end{array}$$

$$\begin{array}{r} 40 : 4 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 32 : 4 = \underline{8} \\ \hline \end{array}$$

$$\begin{array}{r} 72 : 6 = \underline{12} \\ \hline \end{array}$$

$$\begin{array}{r} 60 : 6 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 12 : 6 = \underline{2} \\ \hline \end{array}$$

$$\begin{array}{r} 96 : 8 = \underline{12} \\ \hline \end{array}$$

$$\begin{array}{r} 80 : 8 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 16 : 8 = \underline{2} \\ \hline \end{array}$$

3

$$\begin{array}{r} 91 : 7 = \underline{13} \\ \hline \end{array}$$

$$\begin{array}{r} 70 : 7 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 21 : 7 = \underline{3} \\ \hline \end{array}$$

$$\begin{array}{r} 52 : 4 = \underline{13} \\ \hline \end{array}$$

$$\begin{array}{r} 40 : 4 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 12 : 4 = \underline{3} \\ \hline \end{array}$$

$$\begin{array}{r} 84 : 6 = \underline{14} \\ \hline \end{array}$$

$$\begin{array}{r} 60 : 6 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 24 : 6 = \underline{4} \\ \hline \end{array}$$

$$\begin{array}{r} 84 : 7 = \underline{12} \\ \hline \end{array}$$

$$\begin{array}{r} 70 : 7 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 14 : 7 = \underline{2} \\ \hline \end{array}$$

4

$$\begin{array}{r} 228 : 2 = \underline{114} \\ \hline \end{array}$$

$$\begin{array}{r} 200 : 2 = \underline{100} \\ \hline \end{array}$$

$$\begin{array}{r} 20 : 2 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 8 : 2 = \underline{4} \\ \hline \end{array}$$

$$\begin{array}{r} 696 : 6 = \underline{116} \\ \hline \end{array}$$

$$\begin{array}{r} 600 : 6 = \underline{100} \\ \hline \end{array}$$

$$\begin{array}{r} 60 : 6 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 36 : 6 = \underline{6} \\ \hline \end{array}$$

$$\begin{array}{r} 452 : 4 = \underline{113} \\ \hline \end{array}$$

$$\begin{array}{r} 400 : 4 = \underline{100} \\ \hline \end{array}$$

$$\begin{array}{r} 40 : 4 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 12 : 4 = \underline{3} \\ \hline \end{array}$$

$$\begin{array}{r} 585 : 5 = \underline{117} \\ \hline \end{array}$$

$$\begin{array}{r} 500 : 5 = \underline{100} \\ \hline \end{array}$$

$$\begin{array}{r} 50 : 5 = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} 35 : 5 = \underline{7} \\ \hline \end{array}$$



1 $24 : 4 = \underline{6} \text{ R } \underline{0}$

$25 : 4 = \underline{6} \text{ R } \underline{1}$

$26 : 4 = \underline{6} \text{ R } \underline{2}$

$30 : 6 = \underline{5} \text{ R } \underline{0}$

$31 : 6 = \underline{5} \text{ R } \underline{1}$

$32 : 6 = \underline{5} \text{ R } \underline{2}$

$48 : 8 = \underline{6} \text{ R } \underline{0}$

$50 : 8 = \underline{6} \text{ R } \underline{2}$

$52 : 8 = \underline{6} \text{ R } \underline{4}$

$63 : 7 = \underline{9} \text{ R } \underline{0}$

$66 : 7 = \underline{9} \text{ R } \underline{3}$

$69 : 7 = \underline{9} \text{ R } \underline{6}$

2 $50 : 5 = \underline{10} \text{ R } \underline{0}$

$51 : 5 = \underline{10} \text{ R } \underline{1}$

$52 : 5 = \underline{10} \text{ R } \underline{2}$

$53 : 5 = \underline{10} \text{ R } \underline{3}$

$30 : 3 = \underline{10} \text{ R } \underline{0}$

$32 : 3 = \underline{10} \text{ R } \underline{2}$

$34 : 3 = \underline{11} \text{ R } \underline{1}$

$36 : 3 = \underline{12} \text{ R } \underline{0}$

$40 : 4 = \underline{10} \text{ R } \underline{0}$

$41 : 4 = \underline{10} \text{ R } \underline{1}$

$42 : 4 = \underline{10} \text{ R } \underline{2}$

$43 : 4 = \underline{10} \text{ R } \underline{3}$

$60 : 6 = \underline{10} \text{ R } \underline{0}$

$63 : 6 = \underline{10} \text{ R } \underline{3}$

$66 : 6 = \underline{11} \text{ R } \underline{0}$

$69 : 6 = \underline{11} \text{ R } \underline{3}$

3 $210 : 7 = \underline{30} \text{ R } \underline{0}$

$211 : 7 = \underline{30} \text{ R } \underline{1}$

$212 : 7 = \underline{30} \text{ R } \underline{2}$

$213 : 7 = \underline{30} \text{ R } \underline{3}$

$270 : 3 = \underline{90} \text{ R } \underline{0}$

$272 : 3 = \underline{90} \text{ R } \underline{2}$

$274 : 3 = \underline{91} \text{ R } \underline{1}$

$276 : 3 = \underline{92} \text{ R } \underline{0}$

$240 : 8 = \underline{30} \text{ R } \underline{0}$

$244 : 8 = \underline{30} \text{ R } \underline{4}$

$248 : 8 = \underline{31} \text{ R } \underline{0}$

$252 : 8 = \underline{31} \text{ R } \underline{4}$

$360 : 6 = \underline{60} \text{ R } \underline{0}$

$362 : 6 = \underline{60} \text{ R } \underline{2}$

$364 : 6 = \underline{60} \text{ R } \underline{4}$

$366 : 6 = \underline{61} \text{ R } \underline{0}$

4

700

630

560

490

420

350

280

210

140

70

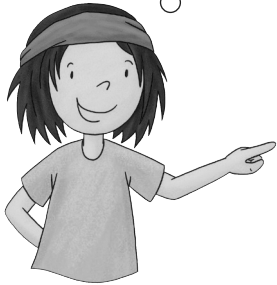




Ich überschlage

$$5 \cdot 40 = 200$$

$$\text{Also } 5 \cdot 42 > 200$$



1 Größer, kleiner oder gleich? Überschlage.

$$7 \cdot 50 > 300$$

$$9 \cdot 80 < 800$$

$$7 \cdot 30 > 200$$

$$6 \cdot 80 < 500$$

$$6 \cdot 40 < 300$$

$$5 \cdot 90 < 500$$

$$2 \cdot 50 = 100$$

$$9 \cdot 90 > 800$$

$$3 \cdot 20 < 100$$

$$8 \cdot 40 > 300$$

$$4 \cdot 20 < 100$$

$$7 \cdot 60 > 400$$

2

$$5 \cdot 42 > 200$$

$$9 \cdot 36 > 270$$

$$2 \cdot 75 = 150$$

$$8 \cdot 81 > 640$$

$$6 \cdot 58 < 360$$

$$3 \cdot 99 < 300$$

$$8 \cdot 24 > 160$$

$$7 \cdot 48 < 350$$

$$7 \cdot 58 < 420$$

$$7 \cdot 83 > 560$$

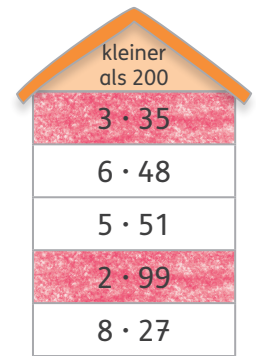
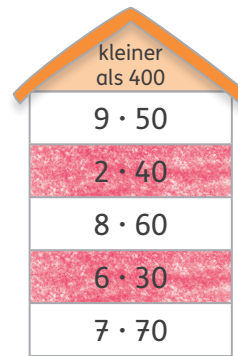
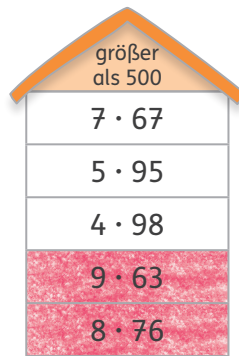
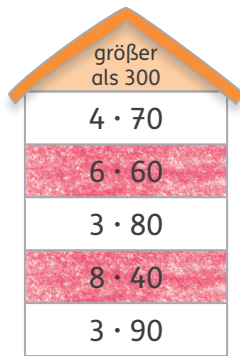
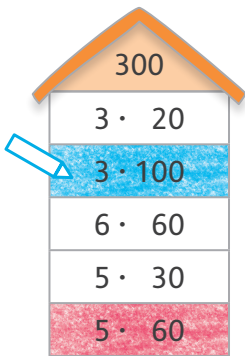
$$6 \cdot 98 < 600$$

$$6 \cdot 62 > 360$$



3

Male passend an.



Größer, kleiner, gleich



1

	2	3	3
+	1	5	2
	3	8	5

	3	1	9
+	5	7	0
	8	8	9

	4	2	8
+	4	7	1
	8	9	9

	5	7	2
+	2	1	4
	7	8	6

	3	5	7
+	1	2	2
	4	7	9

	1	0	4
+	5	7	0
	6	7	4

2

	3	5	9
+	3	2	7
		1	
	6	8	6

	2	7	5
+	4	1	6
		1	
	6	9	1

	4	5	6
+	3	2	8
		1	
	7	8	4

	1	6	7
+	3	2	8
		1	
	4	9	5

	4	4	6
+		5	8
	1	1	
	5	0	4

	7	0	8
+	1	9	5
	1	1	
	9	0	3

3

	2	7	9
+	2	6	4
	1	1	
	5	4	3

	5	6	8
+	3	7	4
	1	1	
	9	4	2

	2	4	5
+	1	6	7
	1	1	
	4	1	2

	3	5	6
+	3	8	5
	1	1	
	7	4	1

	5	4	8
+	1	8	4
	1	1	
	7	3	2

	2	5	7
+	3	5	8
	1	1	
	6	1	5

4

	8	5	1
+	1	0	5
	9	5	6

	2	7	2
+	5	4	0
	1		
	8	1	2

	5	4	9
+	2	0	4
		1	
	7	5	3

	3	3	8
+	4	6	2
	1	1	
	8	0	0

	2	5	3
+	5	2	7
		1	
	7	8	0

	2	9	8
+	1	0	3
	1	1	
	4	0	1



1

	8	5	4
-	4	1	3
	4	4	1

	4	6	8
-	1	3	3
	3	3	5

	7	3	9
-	6	2	7
	1	1	2

	3	9	7
-	2	4	6
	1	5	1

	9	5	3
-	7	3	1
	2	2	2

	8	4	7
-	2	0	5
	6	4	2

2

	8	9	2
-	7	6	7
		1	
	1	2	5

	6	4	1
-	3	2	6
		1	
	3	1	5

	9	2	9
-	5	5	8
		1	
	3	7	1

	8	2	7
-	5	9	4
		1	
	2	3	3

	7	2	3
-		8	4
		1	1
	6	3	9

	9	4	3
-	7	0	8
			1
	2	3	5

3

	7	6	2
-	5	8	4
		1	1
	1	7	8

	5	1	5
-	2	0	8
			1
	3	0	7

	6	7	1
-	3	9	3
		1	1
	2	7	8

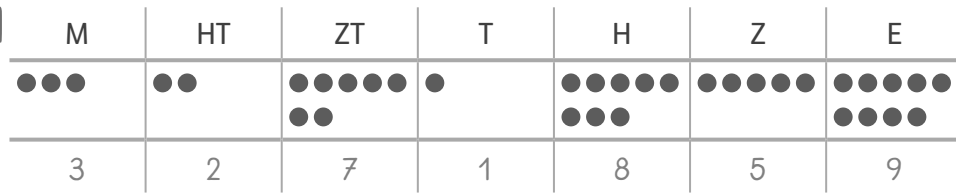
	7	5	1
-	5	8	4
		1	1
	1	6	7

	8	4	3
-	3	7	5
		1	1
	4	6	8

	5	4	2
-	1	6	7
		1	1
	3	7	5

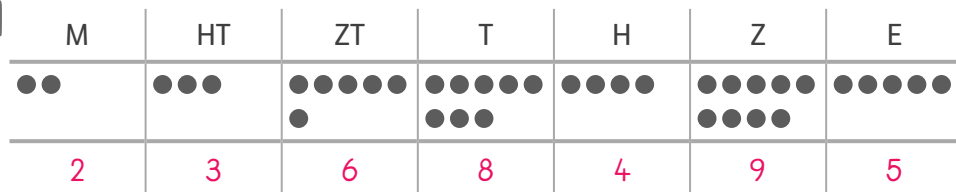


1

3 271 859

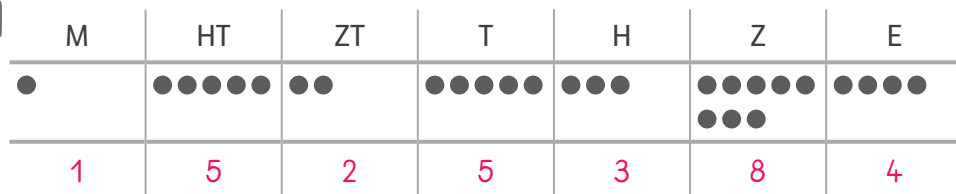
$$3\,271\,859 = 3\,000\,000 + 200\,000 + 70\,000 + 1\,000 + 800 + 50 + 9$$

2

2 368 495

$$2\,368\,495 = 2\,000\,000 + 300\,000 + 60\,000 + 8\,000 + 400 + 90 + 5$$

3

1 525 384

$$1\,525\,384 = 1\,000\,000 + 500\,000 + 20\,000 + 5\,000 + 300 + 80 + 4$$

1

M	HT	ZT	T	H	Z	E
●●		●●●●	●●●●●● ●●●	●●●●●● ●●		●●●
2	0	4	8	7	0	3

2048703

$$2048703 = 2000000 + 0 + 40000 + 8000 + 700 + 0 + 3$$

2

ZT	T	H	Z	E
5	4	0	7	8
	7	3	0	4
8	8	0	6	3
4	0	0	2	1

$$54078 = 50000 + 4000 + 70 + 8$$

$$7304 = 7000 + 300 + 4$$

$$88063 = 80000 + 8000 + 60 + 3$$

$$40021 = 40000 + 20 + 1$$

3

$$30000 + 5000 + 700 + 30 + 1$$

$$20000 + 1000 + 500 + 90 + 2$$

$$70000 + 400 + 20$$

$$40000 + 3000 + 60 + 6$$

ZT	T	H	Z	E
3	5	7	3	1
2	1	5	9	2
7	0	4	2	0
4	3	0	6	6

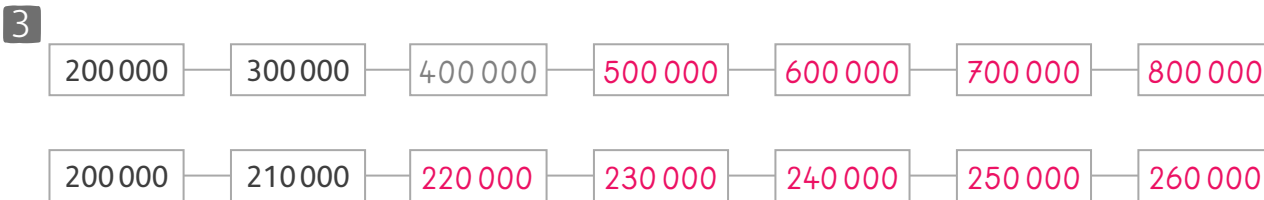
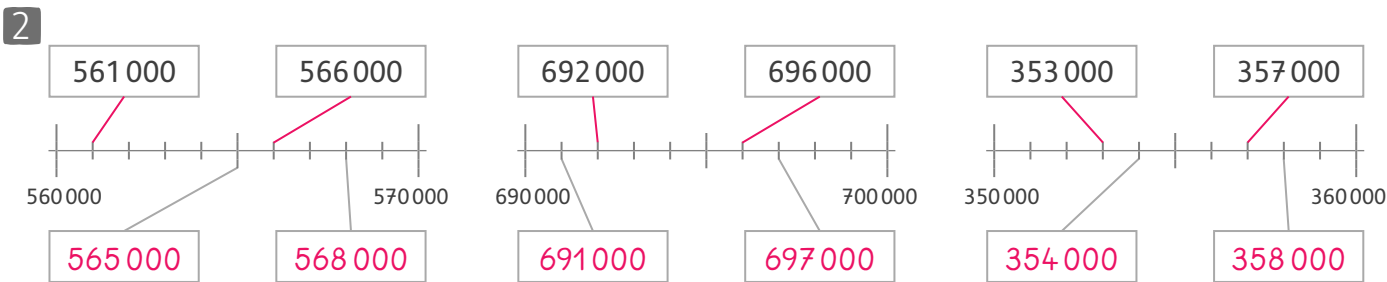
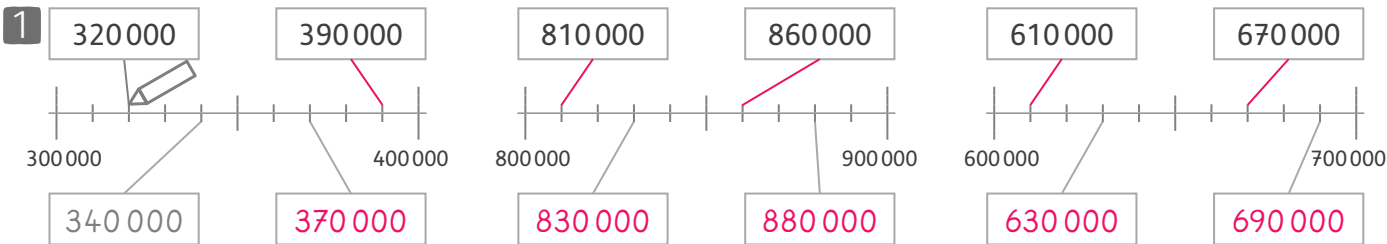
35731

21592

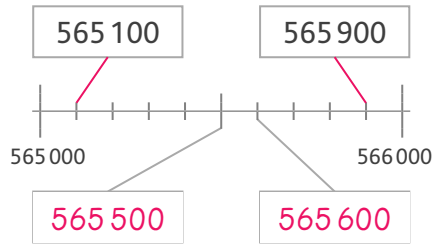
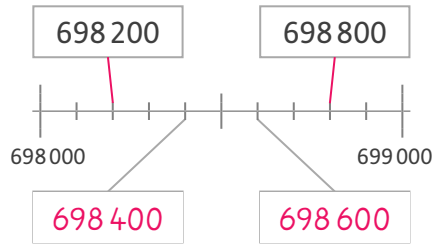
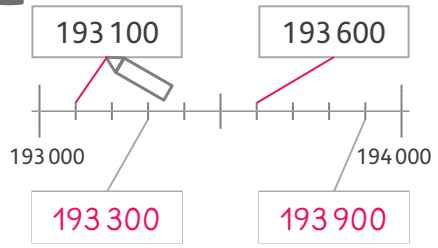
70420

43066

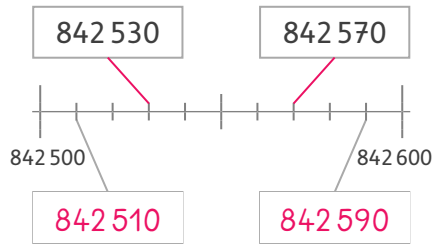
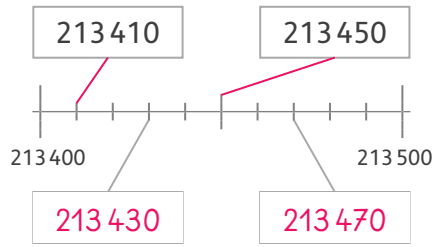
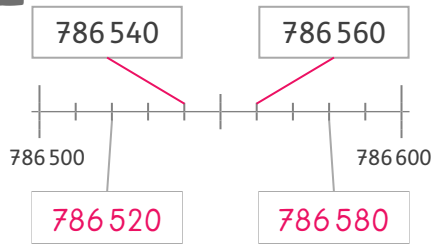




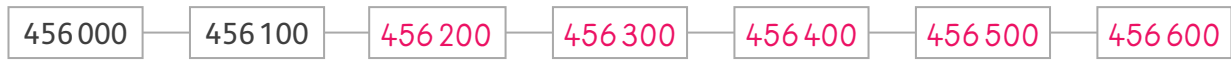
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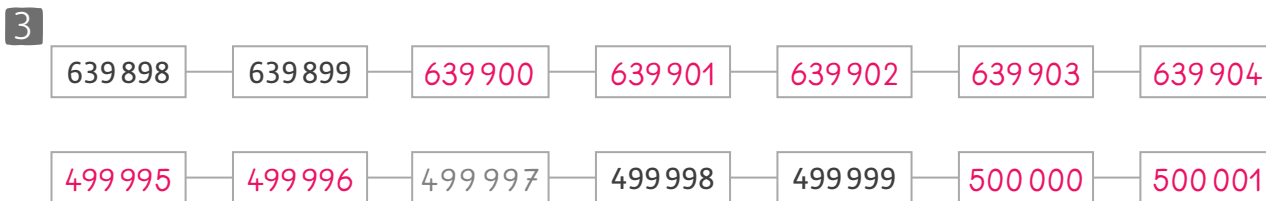
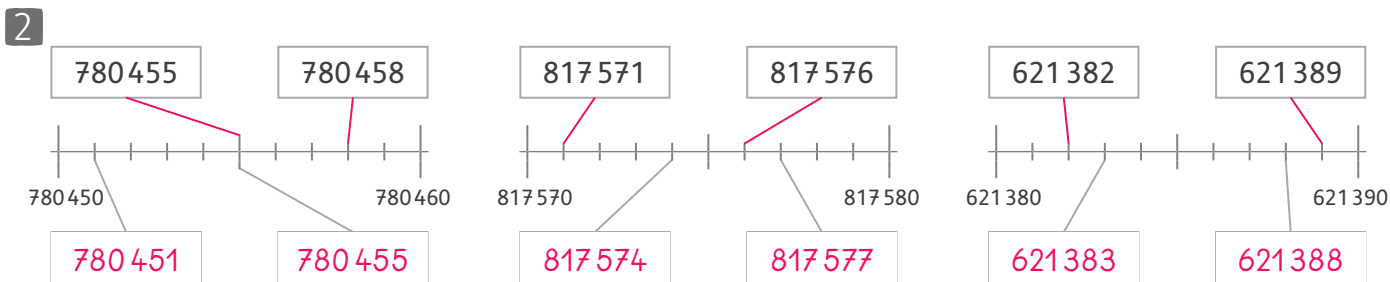
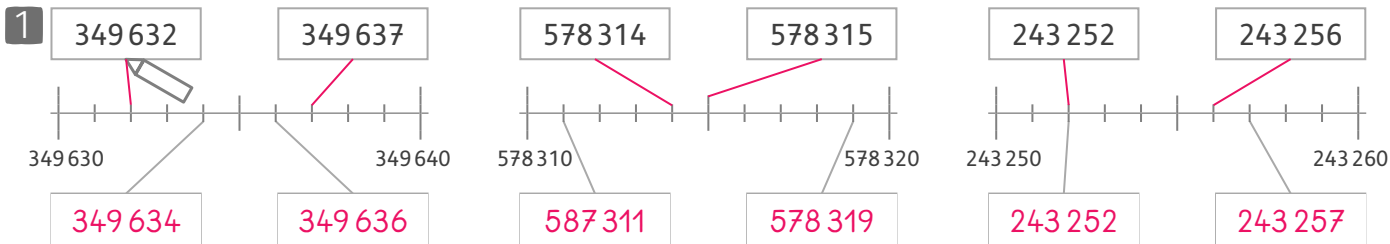
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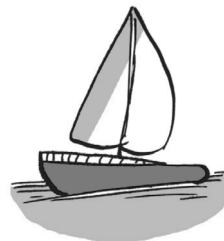
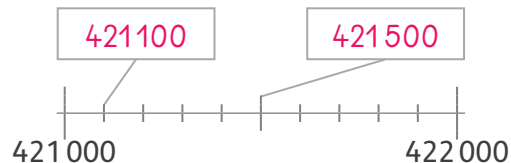
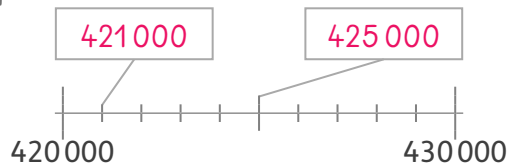
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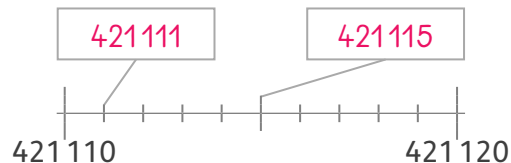
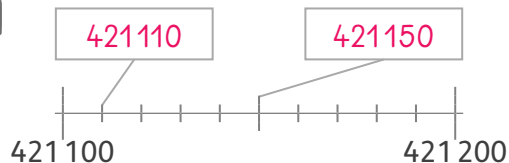
Zahlenstrahl



1



2



3

Größer, kleiner oder gleich?

$30\,002 < 30\,100$

$90\,099 > 80\,999$

$98\,765 < 876\,543$

$64\,100 > 63\,500$

$50\,800 < 50\,900$

$75\,554 > 71\,554$

$83\,907 > 82\,909$

$77\,800 > 37\,900$

$64\,000 < 66\,000$

$444\,443 > 44\,442$

$10\,101 < 110\,110$

$83\,210 > 83\,120$

4

$983\,667 < 993\,668$

$728\,953 < 738\,953$

$9\,978 < 394\,885$

$250\,569 < 350\,569$

$666\,334 > 555\,334$

$856\,826 > 85\,582$

$537\,641 > 437\,641$

$403\,472 < 503\,472$

$345\,678 < 345\,678$





1

Nachbar-tausender	Zahl	Nachbar-tausender
315 000	315 471	316 000
657 000	657 123	658 000
133 000	133 761	134 000

Nachbar-tausender	Zahl	Nachbar-tausender
916 000	916 960	917 000
269 000	269 400	270 000
524 000	524 999	525 000

2

Nachbar-zehntausender	Zahl	Nachbar-zehntausender
420 000	426 158	430 000
980 000	984 072	990 000
890 000	892 130	900 000

Nachbar-zehntausender	Zahl	Nachbar-zehntausender
830 000	835 667	840 000
770 000	772 499	780 000
0	9 213	10 000

3

Nachbar-hunderttausender	Zahl	Nachbar-hunderttausender
300 000	341 263	400 000
600 000	650 203	700 000
900 000	987 465	1 000 000

Nachbar-hunderttausender	Zahl	Nachbar-hunderttausender
600 000	617 987	700 000
100 000	162 034	200 000
900 000	926 307	1 000 000

1

$2000 + \underline{8000} = 10000$

$5000 + \underline{5000} = 10000$

$3700 + \underline{6300} = 10000$

$70000 + \underline{30000} = 100000$

$90000 + \underline{10000} = 100000$

$55000 + \underline{45000} = 100000$

$800000 + \underline{200000} = 1000000$

$300000 + \underline{700000} = 1000000$

$710000 + \underline{290000} = 1000000$

2

$10000 - \underline{7000} = 3000$

$10000 - \underline{2200} = 7800$

$10000 - \underline{4400} = 5600$

$100000 - \underline{54000} = 46000$

$100000 - \underline{38000} = 62000$

$100000 - \underline{67000} = 33000$

$1000000 - \underline{730000} = 270000$

$1000000 - \underline{90000} = 910000$

$1000000 - \underline{540000} = 460000$

3

1000	
700	300
400	600
300	700
100	900
900	100
800	200

10000	
3000	7000
7000	3000
4000	6000
2800	7200
1900	8100
8600	1400

100000	
80000	20000
20000	80000
60000	40000
53000	47000
67000	33000
39000	61000

1000000	
200000	800000
500000	500000
900000	100000
610000	390000
170000	830000
830000	170000

**1**

$$250 + 750 = \underline{1000}$$

$$250\,000 + 750\,000 = \underline{1\,000\,000}$$

$$440 + 320 = \underline{760}$$

$$440\,000 + 320\,000 = \underline{760\,000}$$

$$170 + 510 = \underline{680}$$

$$170\,000 + 510\,000 = \underline{680\,000}$$

$$547 + 232 = \underline{779}$$

$$547\,000 + 232\,000 = \underline{779\,000}$$

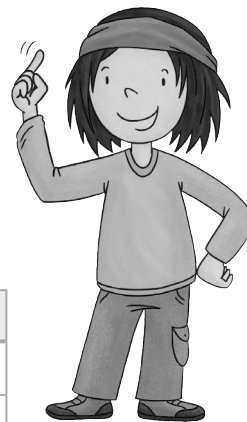
$$623 + 301 = \underline{924}$$

$$623\,000 + 301\,000 = \underline{924\,000}$$

$$701 + 299 = \underline{1000}$$

$$701\,000 + 299\,000 = \underline{1\,000\,000}$$

Achte auf
die Nullen.

**2**

+	110	110 000
780	890	110 780
780 000	780 110	890 000

+	207	207 000
792	999	207 792
792 000	792 207	999 000

+	426	426 000
4 342	4 768	430 342
342 000	342 426	768 000

+	213	213 000
364	577	213 364
364 000	364 213	577 000

1

$$330 - 110 = \underline{220}$$

$$330\,000 - 110\,000 = \underline{220\,000}$$

$$870 - 850 = \underline{20}$$

$$870\,000 - 850\,000 = \underline{20\,000}$$

$$940 - 620 = \underline{320}$$

$$940\,000 - 620\,000 = \underline{320\,000}$$

$$593 - 371 = \underline{222}$$

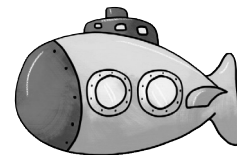
$$593\,000 - 371\,000 = \underline{222\,000}$$

$$759 - 237 = \underline{522}$$

$$759\,000 - 237\,000 = \underline{522\,000}$$

$$896 - 306 = \underline{590}$$

$$896\,000 - 306\,000 = \underline{590\,000}$$



2

-	20	200
650	630	450
650 000	649 980	649 800

-	10	101
986	976	885
986 000	985 990	985 899

-	4	40
376	372	336
376 000	375 996	375 960

-	3	300
574	571	274
574 000	573 997	573 700

1

$250 + 3 = \underline{253}$

$820 + 7 = \underline{827}$

$560 + 8 = \underline{568}$

$2500 + 3 = \underline{2503}$

$8200 + 7 = \underline{8207}$

$5600 + 8 = \underline{5608}$

$25000 + 3 = \underline{25003}$

$82000 + 7 = \underline{82007}$

$56000 + 8 = \underline{56008}$

2

$571 + 6 = \underline{577}$

$348 + 2 = \underline{350}$

$528 + 4 = \underline{532}$

$6571 + 6 = \underline{6577}$

$7348 + 2 = \underline{7350}$

$6528 + 4 = \underline{6532}$

$86571 + 6 = \underline{86577}$

$97348 + 2 = \underline{97350}$

$56528 + 4 = \underline{56532}$

3

+	1	3
326	327	329
4326	4327	4329
44326	44327	44329
744326	744327	744329

+	8	5
630	638	635
6300	6308	6305
63000	63008	63005
630000	630008	630005



1

$539 - 2 = \underline{537}$

$628 - 5 = \underline{623}$

$588 - 8 = \underline{580}$

$8539 - 2 = \underline{8537}$

$9628 - 5 = \underline{9623}$

$2588 - 8 = \underline{2580}$

$298539 - 2 = \underline{298537}$

$819628 - 5 = \underline{819623}$

$32588 - 8 = \underline{32580}$

2

$670 - 7 = \underline{663}$

$732 - 3 = \underline{729}$

$710 - 4 = \underline{706}$

$6700 - 7 = \underline{6693}$

$7320 - 3 = \underline{7317}$

$7100 - 4 = \underline{7096}$

$67000 - 7 = \underline{66993}$

$73200 - 3 = \underline{73197}$

$71000 - 4 = \underline{70996}$

3

-	1	5
577	576	572
4577	4576	4572
84577	84576	84572
884577	884576	884572

-	6	3
370	364	367
3700	3694	3697
37000	36994	36997
370000	369994	369997



1

$567 + 500 = \underline{1067}$

$509 + 201 = \underline{710}$

$84\,000 + 1\,000 = \underline{85\,000}$

$467 + 600 = \underline{1067}$

$509 + 200 = \underline{709}$

$84\,250 + 750 = \underline{85\,000}$

$367 + 700 = \underline{1067}$

$509 + 199 = \underline{708}$

$84\,500 + 500 = \underline{85\,000}$

$267 + 800 = \underline{1067}$

$509 + 198 = \underline{707}$

$84\,750 + 250 = \underline{85\,000}$

2

$1\,000 - 500 = \underline{500}$

$867 - 501 = \underline{366}$

$237\,563 - 100 = \underline{237\,463}$

$900 - 400 = \underline{500}$

$867 - 500 = \underline{367}$

$237\,663 - 200 = \underline{237\,463}$

$800 - 300 = \underline{500}$

$867 - 499 = \underline{368}$

$237\,763 - 300 = \underline{237\,463}$

$700 - 200 = \underline{500}$

$867 - 498 = \underline{369}$

$237\,863 - 400 = \underline{237\,463}$

3

1 000		10 000		100 000		75 000		99 500	
100	900	9 000	1 000	20 000	80 000	74 800	200	99 300	200
300	700	8 000	2 000	40 000	60 000	74 600	400	99 200	300
500	500	7 000	3 000	60 000	40 000	74 400	600	99 100	400
700	300	6 000	4 000	80 000	20 000	74 200	800	99 000	500
600	400	4 000	6 000	100 000	0	74 000	1 000	98 900	600

**1**

	1	4	2
+	1	3	6
	2	7	8

	3	7	5
+	4	1	3
	7	8	8

	2	5	6
+	5	2	2
	7	7	8

	7	5	0
+	1	6	9
	1		
	9	1	9

	4	8	4
+	2	3	3
	1		
	7	1	7

	5	0	9
+	2	8	4
		1	
	7	9	3

2

	8	9	0
+	1	0	6
	9	9	6

	3	3	4	2	1
+	4	5	2	1	8
	7	8	6	3	9

	6	2	2	3	2
+	2	3	5	2	6
	8	5	7	5	8

	5	6	6	4	5	2
+	3	0	1	2	8	7
			1			
	8	6	7	7	3	9

	7	6	0	5	7	3
+	2	3	8	4	2	5
	9	9	8	9	9	8

3

$673 + 299 = \underline{972}$

$481 + 399 = \underline{880}$

$356 + 599 = \underline{955}$

$673 + 300 - 1 = \underline{972}$

$481 + 400 - 1 = \underline{880}$

$356 + 600 - 1 = \underline{955}$

$543 + 199 = \underline{742}$

$394 + 299 = \underline{693}$

$507 + 199 = \underline{706}$

$543 + 200 - 1 = \underline{742}$

$394 + 300 - 1 = \underline{693}$

$507 + 200 - 1 = \underline{706}$

4

$531 + 399 = \underline{930}$

$754 + 199 = \underline{953}$

$649 + 299 = \underline{948}$

$378 + 599 = \underline{977}$

$263 + 699 = \underline{962}$

$496 + 499 = \underline{995}$

$267 + 699 = \underline{966}$

$138 + 799 = \underline{937}$

$187 + 599 = \underline{786}$

Schriftlich und geschickt addieren



1

	7	6	5	0	8	9
+	1	3	3	9	4	3
			1	1	1	
	8	9	9	0	3	2

	5	8	9	6	9	3
+	2	7	2	6	5	7
	1	1	1	1	1	
	8	6	2	3	5	0

	2	5	7	0	8	6
+	3	6	3	9	9	6
	1	1	1	1	1	
	6	2	1	0	8	2

	1	4	2	0	8	5
+	4	3	7	9	1	5
		1	1	1	1	
	5	8	0	0	0	0

2

	3	2	5	9	8	2
+	5	8	7	3	8	7
	1	1	1	1		
	9	1	3	3	6	9

	2	9	7	6	5	8
+	3	9	5	3	7	4
	1	1	1	1	1	
	6	9	3	0	3	2

	5	7	8	4	5	3
+	3	5	4	9	4	8
	1	1	1	1	1	
	9	3	3	4	0	1

	7	2	4	6	8	3
+	2	3	4	2	3	3
				1		
	9	5	8	9	1	6

3

	4	9	7	7	4	6
+	2	0	7	5	8	3
	1	1	1	1		
	7	0	5	3	2	9

	4	8	6	3	1	7
+	4	7	4	9	2	3
	1	1	1		1	
	9	6	1	2	4	0

	1	5	3	8	9	7
+	6	5	7	4	7	6
	1	1	1	1	1	
	8	1	1	3	7	3

	5	4	8	2	3	1
+	3	6	1	5	6	8
	1					
	9	0	9	7	9	9

4

$364 + 298 = \underline{662}$

$681 + 198 = \underline{879}$

$653 + 297 = \underline{950}$

$364 + 300 - 2 = \underline{662}$

$681 + 200 - 2 = \underline{879}$

$653 + 300 - 3 = \underline{950}$

5

$561 + 298 = \underline{859}$

$656 + 198 = \underline{854}$

$369 + 297 = \underline{666}$

$368 + 598 = \underline{966}$

$177 + 398 = \underline{575}$

$293 + 497 = \underline{790}$

$236 + 398 = \underline{634}$

$168 + 698 = \underline{866}$

$186 + 597 = \underline{783}$





1

	3	5	4	8	5	3
+	2	9	7	6	5	7
	1	1	1	1	1	
	6	5	2	5	1	0

	5	8	5	4	7	5
+	3	7	6	8	3	6
	1	1	1	1	1	
	9	6	2	3	1	1

	6	5	5	6	7	8
+	1	6	7	3	8	2
	1	1	1	1	1	
	8	2	3	0	6	0

	1	6	2	0	7	6
+	4	3	7	9	7	3
	1	1	1	1		
	6	0	0	0	4	9

2

	5	0	8	6	4	1
+	1	9	7	5	8	9
	1	1	1	1	1	
	7	0	6	2	3	0

	4	4	8	6	5	9
+	3	7	3	4	9	9
	1	1	1	1	1	
	8	2	2	1	5	8

	2	4	8	3	8	5
+	3	5	7	9	7	8
	1	1	1	1	1	
	6	0	6	3	6	3

	1	8	5	6	8	3
+	2	3	9	3	2	3
	1	1	1	1		
	4	2	5	0	0	6

3

	2	8	6	5	3	8
+	6	4	7	5	9	5
	1	1	1	1	1	
	9	3	4	1	3	3

	2	2	3	4	9	8
+	4	8	9	7	4	3
	1	1	1	1	1	
	7	1	3	2	4	1

	7	8	5	7	6	9	
+	2	3	6	7	8	2	
	1	1	1	1	1		
	1	0	2	2	5	5	1

	5	0	8	2	5	1
+	3	9	7	5	6	8
	1	1		1		
	9	0	5	8	1	9

4

	2	9	3	4	5	1	7	6	5	2	3	0	4	8	2	3	4	7	6	5	1	1	3	8	7	5	2	2	4	7	5	4	8
+	6	0	5	9	8	3	4	9	4	3	7	9	9	7	3	6	6	5	8	3	9	7	9	6	7	4	1	2	9	8	5	4	2
			1	1		1	1			1	1	1	1		1	1	1	1		1		1	1	1			1	1	1		1		
	8	9	9	4	3	5	2	5	9	6	1	0	4	5	6	0	1	3	4	9	0	9	3	5	4	9	3	5	4	6	0	9	0



$$\begin{array}{r} 879 \\ - 267 \\ \hline \\ \hline 612 \end{array}$$

$$\begin{array}{r} 597 \\ - 385 \\ \hline \\ \hline 212 \end{array}$$

$$\begin{array}{r} 778 \\ - 466 \\ \hline \\ \hline 312 \end{array}$$

$$\begin{array}{r} 534 \\ - 211 \\ \hline \\ \hline 323 \end{array}$$

$$\begin{array}{r} 856 \\ - 602 \\ \hline \\ \hline 254 \end{array}$$

$$\begin{array}{r} 661 \\ - 419 \\ \hline \\ \hline 242 \end{array}$$

$$\begin{array}{r} 6369 \\ - 5207 \\ \hline \\ \hline 1162 \end{array}$$

$$\begin{array}{r} 47955 \\ - 26751 \\ \hline \\ \hline 21204 \end{array}$$

$$\begin{array}{r} 99485 \\ - 62856 \\ \hline \\ \hline 36629 \end{array}$$

$$\begin{array}{r} 756283 \\ - 485937 \\ \hline \\ \hline 270346 \end{array}$$

$$964 - 699 = \underline{265}$$

$$636 - 499 = \underline{137}$$

$$842 - 799 = \underline{43}$$

$$964 - 700 + 1 = \underline{265}$$

$$636 - 500 + 1 = \underline{137}$$

$$842 - 800 + 1 = \underline{43}$$

$$852 - 599 = \underline{253}$$

$$514 - 299 = \underline{215}$$

$$732 - 399 = \underline{333}$$

$$852 - 600 + 1 = \underline{253}$$

$$514 - 300 + 1 = \underline{215}$$

$$732 - 400 + 1 = \underline{333}$$

$$814 - 699 = \underline{115}$$

$$953 - 799 = \underline{154}$$

$$422 - 299 = \underline{123}$$

$$681 - 499 = \underline{182}$$

$$397 - 199 = \underline{198}$$

$$735 - 599 = \underline{136}$$

$$576 - 199 = \underline{377}$$

$$623 - 399 = \underline{224}$$

$$428 - 199 = \underline{229}$$



1

	5	2	3	5	2	1
-	3	4	9	1	6	7
	1	1		1	1	
	1	7	4	3	5	4

	7	8	4	2	9	1
-	4	6	8	7	7	5
		1	1		1	
	3	1	5	5	1	6

	7	2	6	4	3	1
-	3	2	5	5	2	8
			1		1	
	4	0	0	9	0	3

	9	5	2	4	3	5
-	3	7	1	8	9	7
	1		1	1	1	
	5	8	0	5	3	8

2

	8	1	0	6	2	4
-	6	5	6	7	4	9
	1	1	1	1	1	
	1	5	3	8	7	5

	5	3	2	6	8	4
-	2	5	6	8	9	7
	1	1	1	1	1	
	2	7	5	7	8	7

	6	6	0	7	3	2
-	3	9	9	8	8	6
	1	1	1	1	1	
	2	6	0	8	4	6

	7	4	3	0	1	8
-	2	1	0	4	9	3
			1	1		
	5	3	2	5	2	5

3

	6	5	4	1	3	4
-	2	9	7	8	6	8
	1	1	1	1	1	
	3	5	6	2	6	6

	7	5	4	2	5	1
-	1	7	9	5	6	3
	1	1	1	1	1	
	5	7	4	6	8	8

	8	3	2	1	0	5
-	4	6	7	5	7	9
	1	1	1	1	1	
	3	6	4	5	2	6

	9	0	1	5	7	6
-	5	8	8	2	5	9
	1	1			1	
	3	1	3	3	1	7

4

$$946 - 498 = \underline{448}$$

$$834 - 698 = \underline{136}$$

$$862 - 697 = \underline{165}$$

$$946 - 500 + 2 = \underline{448}$$

$$834 - 700 + 2 = \underline{136}$$

$$862 - 700 + 3 = \underline{165}$$

5

$$816 - 498 = \underline{318}$$

$$953 - 798 = \underline{155}$$

$$622 - 297 = \underline{325}$$

$$481 - 298 = \underline{183}$$

$$397 - 198 = \underline{199}$$

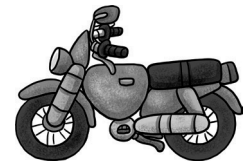
$$735 - 597 = \underline{138}$$

$$574 - 198 = \underline{376}$$

$$423 - 398 = \underline{25}$$

$$628 - 197 = \underline{431}$$

Schriftlich und geschickt subtrahieren





$$\begin{array}{r} 1 \\ \begin{array}{r} 532154 \\ -189706 \\ \hline 1111 \\ \hline 342448 \end{array} \end{array}$$

$$\begin{array}{r} \begin{array}{r} 731255 \\ -693478 \\ \hline 11111 \\ \hline 37777 \end{array} \end{array}$$

$$\begin{array}{r} \begin{array}{r} 965341 \\ -397054 \\ \hline 1111 \\ \hline 568287 \end{array} \end{array}$$

$$\begin{array}{r} \begin{array}{r} 703487 \\ -540376 \\ \hline 1 \\ \hline 163111 \end{array} \end{array}$$

$$\begin{array}{r} 2 \\ \begin{array}{r} 823152 \\ -249567 \\ \hline 11111 \\ \hline 573585 \end{array} \end{array}$$

$$\begin{array}{r} \begin{array}{r} 514671 \\ -375984 \\ \hline 11111 \\ \hline 138687 \end{array} \end{array}$$

$$\begin{array}{r} \begin{array}{r} 630557 \\ -447989 \\ \hline 11111 \\ \hline 182568 \end{array} \end{array}$$

$$\begin{array}{r} \begin{array}{r} 477981 \\ -103614 \\ \hline 1 \\ \hline 374367 \end{array} \end{array}$$

$$\begin{array}{r} 3 \\ \begin{array}{r} 953561 \\ -576983 \\ \hline 11111 \\ \hline 376578 \end{array} \end{array}$$

$$\begin{array}{r} \begin{array}{r} 837612 \\ -579077 \\ \hline 1111 \\ \hline 258535 \end{array} \end{array}$$

$$\begin{array}{r} \begin{array}{r} 441260 \\ -256795 \\ \hline 11111 \\ \hline 184465 \end{array} \end{array}$$

$$\begin{array}{r} \begin{array}{r} 314045 \\ -298265 \\ \hline 1111 \\ \hline 15780 \end{array} \end{array}$$

$$\begin{array}{r} 4 \\ \begin{array}{r} 853769542088714325764311724567890 \\ -395989668198835450987043965793723 \\ \hline 11111111111111111111111111111111 \\ \hline 457779873889878874777267758774167 \end{array} \end{array}$$

10001	18300	72108	36547	12389	24689
23000	376894	83499	10457	923080	30303
26048	76327	89321	4873	39456	28031
40216	3946	23456	68945	8026	67305
57921	57832	8039	19764	234	99999
38907	45675	9999	5871	23890	10987
30201	10101	30459	69210	27346	86432



kleiner als 10000

3

23

6508

größer als 100000

789483

264089

100001

1

$5 \cdot 4 = \underline{20}$

$6 \cdot 3 = \underline{18}$

$9 \cdot 7 = \underline{63}$

$8 \cdot 6 = \underline{48}$

$5 \cdot 40 = \underline{200}$

$6 \cdot 30 = \underline{180}$

$9 \cdot 70 = \underline{630}$

$8 \cdot 60 = \underline{480}$

$5 \cdot 400 = \underline{2000}$

$6 \cdot 300 = \underline{1800}$

$9 \cdot 700 = \underline{6300}$

$8 \cdot 600 = \underline{4800}$

$2 \cdot 3 = \underline{6}$

$4 \cdot 6 = \underline{24}$

$7 \cdot 8 = \underline{56}$

$5 \cdot 9 = \underline{45}$

$2 \cdot 30 = \underline{60}$

$4 \cdot 60 = \underline{240}$

$7 \cdot 80 = \underline{560}$

$5 \cdot 90 = \underline{450}$

$2 \cdot 300 = \underline{600}$

$4 \cdot 600 = \underline{2400}$

$7 \cdot 800 = \underline{5600}$

$5 \cdot 900 = \underline{4500}$

$4 \cdot 2 = \underline{8}$

$8 \cdot 9 = \underline{72}$

$3 \cdot 5 = \underline{15}$

$6 \cdot 5 = \underline{30}$

$4 \cdot 20 = \underline{80}$

$8 \cdot 90 = \underline{720}$

$3 \cdot 50 = \underline{150}$

$6 \cdot 50 = \underline{300}$

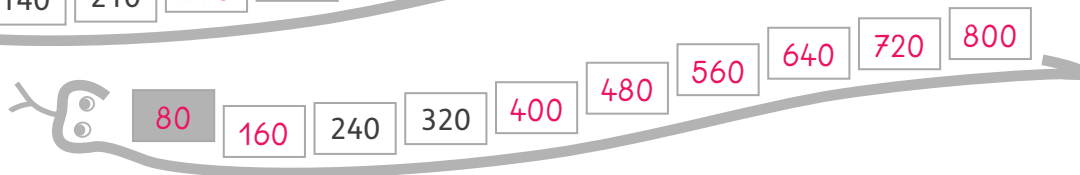
$4 \cdot 200 = \underline{800}$

$8 \cdot 900 = \underline{7200}$

$3 \cdot 500 = \underline{1500}$

$6 \cdot 500 = \underline{3000}$

2



1

$3 \cdot 70 = \underline{210}$

$90 \cdot 6 = \underline{540}$

$300 \cdot 7 = \underline{2100}$

$9 \cdot 60 = \underline{540}$

$30 \cdot 70 = \underline{2100}$

$90 \cdot 60 = \underline{5400}$

$90 \cdot 4 = \underline{360}$

$6 \cdot 70 = \underline{420}$

$9 \cdot 40 = \underline{360}$

$600 \cdot 7 = \underline{4200}$

$90 \cdot 40 = \underline{3600}$

$60 \cdot 7 = \underline{420}$

2

$8 \cdot 400 = \underline{3200}$

$2 \cdot 60 = \underline{120}$

$80 \cdot 4 = \underline{320}$

$20 \cdot 60 = \underline{1200}$

$8 \cdot 40 = \underline{320}$

$200 \cdot 6 = \underline{1200}$

$30 \cdot 8 = \underline{240}$

$10 \cdot 10 = \underline{100}$

$3 \cdot 800 = \underline{2400}$

$100 \cdot 10 = \underline{1000}$

$30 \cdot 80 = \underline{2400}$

$10 \cdot 100 = \underline{1000}$

3

·	3	30	300
4	12	120	1200
40	120	1200	12000
400	1200	12000	120000

·	8	80	800
6	48	480	4800
60	480	4800	48000
600	4800	48000	480000

4

·	7	70	700
8	56	560	5600
80	560	5600	56000
800	5600	56000	560000

·	6	60	600
7	42	420	4200
70	420	4200	42000
700	4200	42000	420000

1

$24 : 6 = \underline{4}$

$36 : 4 = \underline{9}$

$40 : 5 = \underline{8}$

$80 : 8 = \underline{10}$

$81 : 9 = \underline{9}$

$240 : 6 = \underline{40}$

$360 : 4 = \underline{90}$

$400 : 5 = \underline{80}$

$800 : 8 = \underline{100}$

$810 : 9 = \underline{90}$

$2400 : 6 = \underline{400}$

$3600 : 4 = \underline{900}$

$4000 : 5 = \underline{800}$

$8000 : 8 = \underline{1000}$

$8100 : 9 = \underline{900}$

$21 : 3 = \underline{7}$

$45 : 9 = \underline{5}$

$28 : 7 = \underline{4}$

$35 : 5 = \underline{7}$

$64 : 8 = \underline{8}$

$210 : 3 = \underline{70}$

$450 : 9 = \underline{50}$

$280 : 7 = \underline{40}$

$350 : 5 = \underline{70}$

$640 : 8 = \underline{80}$

$2100 : 3 = \underline{700}$

$4500 : 9 = \underline{500}$

$2800 : 7 = \underline{400}$

$3500 : 5 = \underline{700}$

$6400 : 8 = \underline{800}$

$18 : 6 = \underline{3}$

$20 : 4 = \underline{5}$

$12 : 3 = \underline{4}$

$16 : 2 = \underline{8}$

$42 : 7 = \underline{6}$

$180 : 6 = \underline{30}$

$200 : 4 = \underline{50}$

$120 : 3 = \underline{40}$

$160 : 2 = \underline{80}$

$420 : 7 = \underline{60}$

$1800 : 6 = \underline{300}$

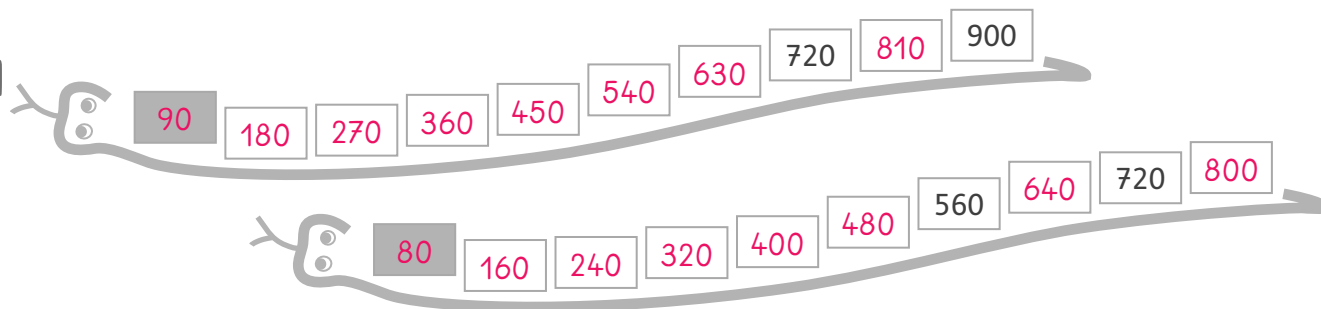
$2000 : 4 = \underline{500}$

$1200 : 3 = \underline{400}$

$1600 : 2 = \underline{800}$

$4200 : 7 = \underline{600}$

2



1

$8100 : 90 = \underline{90}$

$81 : 9 = \underline{9}$

$8100 : 9 = \underline{900}$

$2400 : 40 = \underline{60}$

$240 : 4 = \underline{60}$

$240 : 40 = \underline{6}$

$640 : 8 = \underline{80}$

$640 : 80 = \underline{8}$

$6400 : 80 = \underline{80}$

$560 : 7 = \underline{80}$

$56 : 7 = \underline{8}$

$5600 : 70 = \underline{80}$

2

$4200 : 7 = \underline{600}$

$420 : 70 = \underline{6}$

$42 : 7 = \underline{6}$

$72 : 8 = \underline{9}$

$7200 : 80 = \underline{90}$

$720 : 80 = \underline{9}$

$250 : 50 = \underline{5}$

$25 : 5 = \underline{5}$

$2500 : 50 = \underline{50}$

$360 : 90 = \underline{4}$

$36 : 9 = \underline{4}$

$3600 : 90 = \underline{40}$

3

:	4	40	400
2800	700	70	7
28000	7000	700	70
280000	70000	7000	700

:	8	80	800
1600	200	20	2
16000	2000	200	20
160000	20000	2000	200

4

:	7	70	700
6300	900	90	9
63000	9000	900	90
630000	90000	9000	900

:	9	90	900
7200	800	80	8
72000	8000	800	80
720000	80000	8000	800

Ähnliche Aufgaben (!)

1

$2 \cdot 70 = \underline{140}$

$2 \cdot 50 = \underline{100}$

$2 \cdot 80 = \underline{160}$

$2 \cdot 30 = \underline{60}$

$2 \cdot 90 = \underline{180}$

$4 \cdot 70 = \underline{280}$

$4 \cdot 50 = \underline{200}$

$4 \cdot 80 = \underline{320}$

$4 \cdot 30 = \underline{120}$

$4 \cdot 90 = \underline{360}$

$8 \cdot 70 = \underline{560}$

$8 \cdot 50 = \underline{400}$

$8 \cdot 80 = \underline{640}$

$8 \cdot 30 = \underline{240}$

$8 \cdot 90 = \underline{720}$

$3 \cdot 20 = \underline{60}$

$5 \cdot 20 = \underline{100}$

$7 \cdot 20 = \underline{140}$

$9 \cdot 20 = \underline{180}$

$4 \cdot 20 = \underline{80}$

$3 \cdot 40 = \underline{120}$

$5 \cdot 40 = \underline{200}$

$7 \cdot 40 = \underline{280}$

$9 \cdot 40 = \underline{360}$

$4 \cdot 40 = \underline{160}$

$3 \cdot 80 = \underline{240}$

$5 \cdot 80 = \underline{400}$

$7 \cdot 80 = \underline{560}$

$9 \cdot 80 = \underline{720}$

$4 \cdot 80 = \underline{320}$

2

Rechne geschickt.

$3\,200 \cdot 5 = \underline{16\,000}$

$4\,600 \cdot 5 = \underline{23\,000}$

$8\,400 \cdot 5 = \underline{42\,000}$

$3\,200 \cdot 10 : 2 = \underline{16\,000}$

$4\,600 \cdot 10 : 2 = \underline{23\,000}$

$8\,400 \cdot 10 : 2 = \underline{42\,000}$

3

·	2	4	6	8	10
50	100	200	300	400	500
90	180	360	540	720	900
40	80	160	240	320	400
20	40	80	120	160	200
100	200	400	600	800	1000

4

·	3	6	9
70	210	420	630
30	90	180	270
20	60	120	180
50	150	300	450
90	270	540	810

1

$49 \cdot 5 = \underline{245}$

$39 \cdot 3 = \underline{117}$

$69 \cdot 8 = \underline{552}$

$29 \cdot 6 = \underline{174}$

$19 \cdot 7 = \underline{133}$

$50 \cdot 5 = \underline{250}$

$40 \cdot 3 = \underline{120}$

$70 \cdot 8 = \underline{560}$

$30 \cdot 6 = \underline{180}$

$20 \cdot 7 = \underline{140}$

$1 \cdot 5 = \underline{5}$

$1 \cdot 3 = \underline{3}$

$1 \cdot 8 = \underline{8}$

$1 \cdot 6 = \underline{6}$

$1 \cdot 7 = \underline{7}$

$399 \cdot 4 = \underline{1596}$

$599 \cdot 2 = \underline{1198}$

$299 \cdot 6 = \underline{1794}$

$899 \cdot 5 = \underline{4495}$

$400 \cdot 4 = \underline{1600}$

$600 \cdot 2 = \underline{1200}$

$300 \cdot 6 = \underline{1800}$

$900 \cdot 5 = \underline{4500}$

$1 \cdot 4 = \underline{4}$

$1 \cdot 2 = \underline{2}$

$1 \cdot 6 = \underline{6}$

$1 \cdot 5 = \underline{5}$

2

$399 \cdot 3 = \underline{1197}$

$599 \cdot 6 = \underline{3594}$

$799 \cdot 8 = \underline{6392}$

$299 \cdot 4 = \underline{1196}$

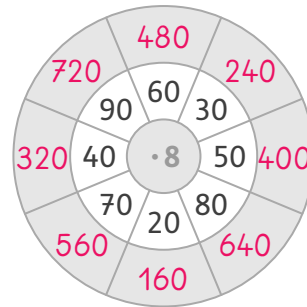
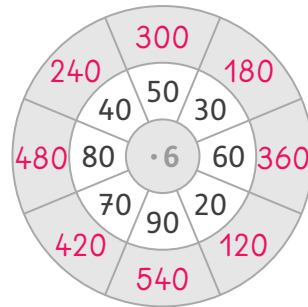
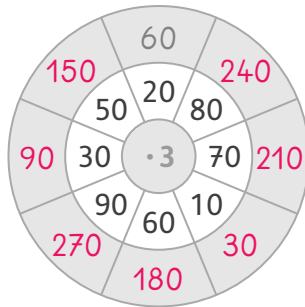
$400 \cdot 3 - 3 = \underline{1197}$

$600 \cdot 6 - 6 = \underline{3594}$

$800 \cdot 8 - 8 = \underline{6392}$

$300 \cdot 4 - 4 = \underline{1196}$

3





1

H	Z	E		
2	1	3	·	4
		8	5	2

H	Z	E			
4	6	3	·	3	
		1	3	8	9

H	Z	E			
9	4	8	·	5	
		4	7	4	0

H	Z	E			
5	7	5	·	4	
		2	3	0	0

H	Z	E			
7	5	6	·	3	
		2	2	6	8

2

H	Z	E		
1	3	4	·	2
		2	6	8

H	Z	E			
5	1	3	·	4	
		2	0	5	2

H	Z	E			
3	6	3	·	4	
		1	4	5	2

H	Z	E			
2	5	3	·	5	
		1	2	6	5

H	Z	E			
4	7	8	·	3	
		1	4	3	4

3

H	Z	E		
1	2	3	·	3
		3	6	9

H	Z	E			
2	4	5	·	6	
		1	4	7	0

H	Z	E			
8	7	4	·	7	
		6	1	1	8

H	Z	E			
8	9	8	·	8	
		7	1	8	4

H	Z	E			
3	7	5	·	5	
		1	8	7	5

4

H	Z	E		
1	2	1	·	7
		8	4	7

H	Z	E			
3	1	2	·	5	
		1	5	6	0

H	Z	E			
7	2	9	·	9	
		6	5	6	1

H	Z	E			
3	6	4	·	9	
		3	2	7	6

H	Z	E			
8	8	8	·	8	
		7	1	0	4

1

5	0	4	·	4
	2	0	1	6

6	0	3	·	7
	4	2	2	1

2	0	8	·	5
	1	0	4	0

3	0	4	·	8
	2	4	3	2

9	0	2	·	9
	8	1	1	8

2

2	4	6	7	·	8
	1	9	7	3	6

3	4	3	4	·	6
	2	0	6	0	4

7	5	2	4	·	2
	1	5	0	4	8

2	8	1	2	·	6
	1	6	8	7	2

3

4	8	5	3	2	·	5
	2	4	2	6	6	0

6	6	1	2	9	·	3
	1	9	8	3	8	7

2	9	6	5	7	·	7
	2	0	7	5	9	9

4

9	8	3	7	5	1	·	9
	8	8	5	3	7	5	9

6	5	7	3	1	8	·	8
	5	2	5	8	5	4	4

3	3	2	9	7	6	·	4
	1	3	3	1	9	0	4

5	9	7	0	2	1	·	3
	1	7	9	1	0	6	3

8	5	4	0	6	2	·	7
	5	9	7	8	4	3	4

4	0	5	0	8	9	·	4
	1	6	2	0	3	5	6





1

H	Z	E			
3	6	4	·	5	0
	1	8	2	0	
					0
	1	8	2	0	0

H	Z	E			
6	6	4	·	4	0
	2	6	5	6	
					0
	2	6	5	6	0

H	Z	E			
4	7	2	·	7	0
	3	3	0	4	
					0
	3	3	0	4	0

H	Z	E			
5	7	2	·	9	0
	5	1	4	8	
					0
	5	1	4	8	0

2

H	Z	E			
2	5	9	·	8	0
	2	0	7	2	
					0
	2	0	7	2	0

H	Z	E			
8	3	2	·	7	0 0
	5	8	2	4	
					0
					0
	5	8	2	4	0 0

H	Z	E			
5	8	3	·	5	0 0
	2	9	1	5	
					0
					0
	2	9	1	5	0 0

H	Z	E			
3	4	1	·	2	0 0
		6	8	2	
					0
					0
		6	8	2	0 0

3

H	Z	E			
9	4	6	·	3	0
	2	8	3	8	
					0
	2	8	3	8	0

H	Z	E			
2	5	8	·	8	0 0
	2	0	6	4	
					0
					0
	2	0	6	4	0 0

H	Z	E			
7	9	5	·	6	0 0
	4	7	7	0	
					0
					0
	4	7	7	0 0 0	

H	Z	E			
8	3	9	·	3	0 0
	2	5	1	7	
					0
					0
	2	5	1	7	0 0

1

5	3	·	6	4
	3	1	8	
		2	1	2
	3	3	9	2

4	1	·	7	8
	2	8	7	
		3	2	8
	1			
	3	1	9	8

2	3	·	5	1
	1	1	5	
			2	3
	1	1	7	3

8	6	·	7	3
	6	0	2	
		2	5	8
	6	2	7	8

6	4	·	9	2
	5	7	6	
		1	2	8
	5	8	8	8

2

6	7	·	3	6
	2	0	1	
		4	0	2
	2	4	1	2

9	6	·	1	7
		9	6	
		6	7	2
	1	1		
	1	6	3	2

5	3	·	9	5
	4	7	7	
		2	6	5
	1	1		
	5	0	3	5

2	7	·	4	6
	1	0	8	
		1	6	2
		1		
	1	2	4	2

4	5	·	6	8
	2	7	0	
		3	6	0
	1			
	3	0	6	0

3

9	5	·	2	4
	1	9	0	
		3	8	0
	1			
	2	2	8	0

7	4	·	8	9
	5	9	2	
		6	6	6
	1			
	6	5	8	6

8	5	·	3	3
	2	5	5	
		2	5	5
		1		
	2	8	0	5

1	5	·	9	1
	1	3	5	
			1	5
	1	3	6	5

8	1	·	7	4
	5	6	7	
		3	2	4
	5	9	9	4



1

3	5	2	1	·	4	1
	1	4	0	8	4	
			3	5	2	1
			1			
	1	4	4	3	6	1

6	8	7	3	·	2	9
	1	3	7	4	6	
		6	1	8	5	7
			1	1		
	1	9	9	3	1	7

9	2	9	5	·	3	9
	2	7	8	8	5	
		8	3	6	5	5
		1	1	1	1	
	3	6	2	5	0	5

2

2	4	3	9	·	7	7
	1	7	0	7	3	
		1	7	0	7	3
			1			
	1	8	7	8	0	3

9	4	8	1	·	5	2
	4	7	4	0	5	
		1	8	9	6	2
			1	1	1	
	4	9	3	0	1	2

8	3	6	7	·	8	6
	6	6	9	3	6	
		5	0	2	0	2
		1				
	7	1	9	5	6	2

3

9	8	8	4	·	6	2
	5	9	3	0	4	
		1	9	7	6	8
	1	1		1		
	6	1	2	8	0	8

3	5	7	4	·	3	4
	1	0	7	2	2	
		1	4	2	9	6
			1		1	
	1	2	1	5	1	6

6	7	4	8	·	7	4
	4	7	2	3	6	
		2	6	9	9	2
			1	1		
	4	9	9	3	5	2

**1**

Größer, kleiner oder gleich? Überschlage.

$57 \cdot 8 > 400$

$72 \cdot 8 < 600$

$51 \cdot 2 > 100$

$82 \cdot 3 < 300$

$36 \cdot 6 < 300$

$69 \cdot 7 > 400$

$77 \cdot 7 < 600$

$37 \cdot 4 > 100$

$98 \cdot 9 < 900$

$60 \cdot 5 = 300$

$81 \cdot 9 > 700$

$51 \cdot 6 > 300$

2

$38 \cdot 4 < 200$

$56 \cdot 3 < 300$

$49 \cdot 6 < 300$

$72 \cdot 5 < 400$

$38 \cdot 5 < 200$

$56 \cdot 4 < 300$

$49 \cdot 7 > 300$

$72 \cdot 6 > 400$

$38 \cdot 6 > 200$

$56 \cdot 5 < 300$

$49 \cdot 8 > 300$

$72 \cdot 7 > 400$

3

$32 \cdot 8 = 64 \cdot 4$

$75 \cdot 8 > 92 \cdot 6$

$52 \cdot 2 < 48 \cdot 3$

$56 \cdot 4 > 38 \cdot 5$

$58 \cdot 6 > 32 \cdot 9$

$49 \cdot 3 > 50 \cdot 2$

$62 \cdot 6 < 80 \cdot 5$

$23 \cdot 7 < 32 \cdot 8$

$81 \cdot 4 < 69 \cdot 5$

$23 \cdot 7 < 53 \cdot 4$

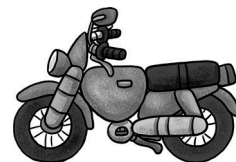
$63 \cdot 7 > 81 \cdot 5$

$34 \cdot 6 > 20 \cdot 9$

4

:	4	40	400
3 600	900	90	9
1 200	300	30	3
2 000	500	50	5

:	7	70	700
6 300	900	90	9
1 400	200	20	2
2 800	400	40	4



Größer, kleiner, gleich



1

H	Z	E						
5	9	2	:	4	=	1	4	8
4								
1	9							
1	6							
	3	2			Probe			
	3	2		1	4	8	·	4
		0			5	9	2	

H	Z	E						
8	5	2	:	3	=	2	8	4
6								
2	5							
2	4							
	1	2			Probe			
	1	2		2	8	4	·	3
		0			8	5	2	

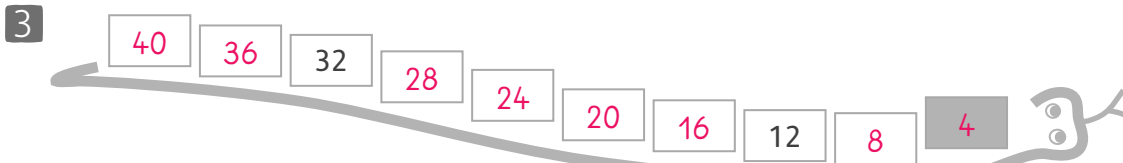
H	Z	E						
6	7	2	:	6	=	1	1	2
6								
0	7							
	6							
	1	2			Probe			
	1	2		1	1	2	·	6
		0			6	7	2	

2

H	Z	E						
9	2	0	:	5	=	1	8	4
5								
4	2							
4	0							
	2	0			Probe			
	2	0		1	8	4	·	5
		0			9	2	0	

H	Z	E						
9	8	0	:	4	=	2	4	5
8								
1	8							
1	6							
	2	0			Probe			
	2	0		2	4	5	·	4
		0			9	8	0	

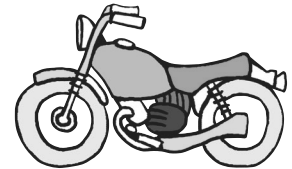
H	Z	E						
9	3	4	:	2	=	4	6	7
8								
1	3							
1	2							
	1	4			Probe			
	1	4		4	6	7	·	2
		0			9	3	4	



1

8	5	6	2	:	6	=	1	4	2	7
6										
2	5									
2	4									
	1	6								
	1	2								
		4	2	Probe						
		4	2		1	4	2	7	·	6
		0				8	5	6	2	

9	4	6	4	:	8	=	1	1	8	3
8										
1	4									
	8									
	6	6								
	6	4								
		2	4	Probe						
		2	4		1	1	8	3	·	8
		0				9	4	6	4	



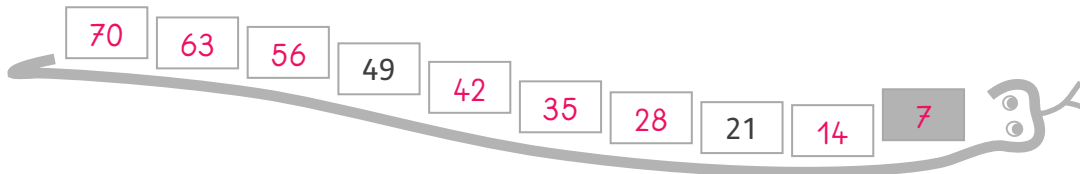
Schriftliche Division

2

8	5	6	8	:	9	=	9	5	2	
8	1									
	4	6								
	4	5								
		1	8	Probe						
		1	8		9	5	2	·	9	
		0				8	5	6	8	

6	7	3	4	:	7	=	9	6	2	
6	3									
	4	3								
	4	2								
		1	4	Probe						
		1	4		9	6	2	·	7	
		0				6	7	3	4	

3





1

1	5	4	5	:	5	=	3	0	9
<u>1</u>	<u>5</u>								
	0	4	5						
		<u>4</u>	<u>5</u>						
			0	Probe					
					3	0	9	·	5
						1	5	4	5

2	1	1	5	:	3	=	7	0	5
<u>2</u>	<u>1</u>								
	0	1	5						
		<u>1</u>	<u>5</u>						
			0	Probe					
					7	0	5	·	3
						2	1	1	5

6	3	5	6	:	7	=	9	0	8
<u>6</u>	<u>3</u>								
	0	5	6						
		<u>5</u>	<u>6</u>						
			0	Probe					
					9	0	8	·	7
						6	3	5	6

2

3	6	1	2	:	6	=	6	0	2
<u>3</u>	<u>6</u>								
	0	1	2						
		<u>1</u>	<u>2</u>						
			0	Probe					
					6	0	2	·	6
						3	6	1	2

2	8	4	9	:	7	=	4	0	7
<u>2</u>	<u>8</u>								
	0	4	9						
		<u>4</u>	<u>9</u>						
			0	Probe					
					4	0	7	·	7
						2	8	4	9

4	8	7	2	:	8	=	6	0	9
<u>4</u>	<u>8</u>								
	0	7	2						
		<u>7</u>	<u>2</u>						
			0	Probe					
					6	0	9	·	8
						4	8	7	2

3

3	6	8	1	:	9	=	4	0	9
<u>3</u>	<u>6</u>								
	0	8	1						
		<u>8</u>	<u>1</u>						
			0	Probe					
					4	0	9	·	9
						3	6	8	1

2	4	1	6	:	4	=	6	0	4
<u>2</u>	<u>4</u>								
	0	1	6						
		<u>1</u>	<u>6</u>						
			0	Probe					
					6	0	4	·	4
						2	4	1	6

3	0	2	5	:	5	=	6	0	5
<u>3</u>	<u>0</u>								
	0	2	5						
		<u>2</u>	<u>5</u>						
			0	Probe					
					6	0	5	·	5
						3	0	2	5

1

4	4	1	2	8	:	7	=	6	3	0	4
<u>4</u>	<u>2</u>										
	2	1									
	<u>2</u>	<u>1</u>									
		0	2	8		Probe					
			<u>2</u>	<u>8</u>		6	3	0	4	·	7
			0			4	4	1	2	8	

2	0	3	7	6	:	4	=	5	0	9	4
<u>2</u>	<u>0</u>										
	0	3	7								
		<u>3</u>	<u>6</u>								
			1	6		Probe					
			<u>1</u>	<u>6</u>		5	0	9	4	·	4
			0			2	0	3	7	6	

2

7	3	6	0	8	:	8	=	9	2	0	1
<u>7</u>	<u>2</u>										
	1	6									
	<u>1</u>	<u>6</u>									
		0	0	8		Probe					
			8			9	2	0	1	·	8
			0			7	3	6	0	8	

5	9	4	4	8	:	6	=	9	9	0	8
<u>5</u>	<u>4</u>										
	5	4									
	<u>5</u>	<u>4</u>									
		0	4	8		Probe					
			<u>4</u>	<u>8</u>		9	9	0	8	·	6
			0			5	9	4	4	8	

3

5	4	0	6	3	:	9	=	6	0	0	7
<u>5</u>	<u>4</u>										
	0	0	6	3		Probe					
			<u>6</u>	<u>3</u>		6	0	0	7	·	9
			0			5	4	0	6	3	

1	2	0	1	4	:	2	=	6	0	0	7
<u>1</u>	<u>2</u>										
	0	0	1	4		Probe					
			<u>1</u>	<u>4</u>		6	0	0	7	·	2
			0			1	2	0	1	4	





1

2	2	6	:	4	=	5	6	R	2
2	0								
	2	6			Probe				
	2	4			5	6	·	4	
		2			2	2	4		
2	2	4	+	2	=	2	2	6	

4	8	6	:	7	=	6	9	R	3
4	2								
	6	6			Probe				
	6	3			6	9	·	7	
		3				4	8	3	
4	8	3	+	3	=	4	8	6	

4	8	6	:	5	=	9	7	R	1
4	5								
	3	6			Probe				
	3	5			9	7	·	5	
		1				4	8	5	
4	8	5	+	1	=	4	8	6	

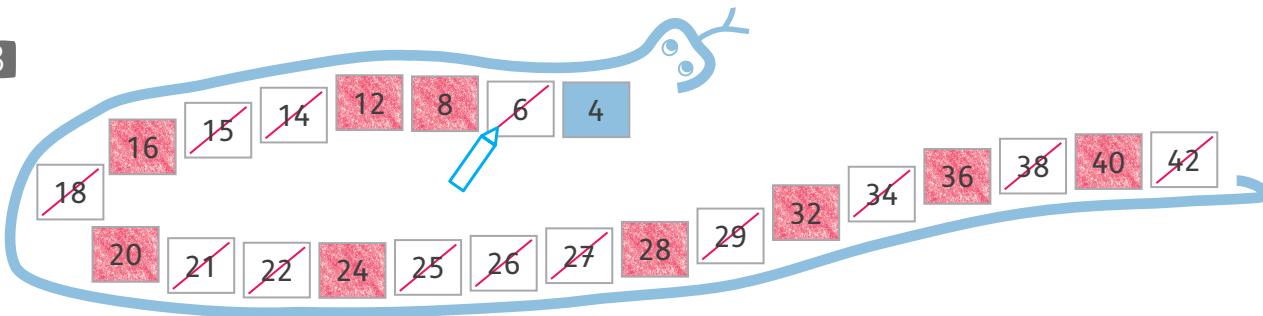
2

2	9	0	:	9	=	3	2	R	2
2	7								
	2	0			Probe				
	1	8			3	2	·	9	
		2				2	8	8	
2	8	8	+	2	=	2	9	0	

2	3	5	:	6	=	3	9	R	1
1	8								
	5	5			Probe				
	5	4			3	9	·	6	
		1				2	3	4	
2	3	4	+	1	=	2	3	5	

2	3	5	:	8	=	2	9	R	3
1	6								
	7	5			Probe				
	7	2			2	9	·	8	
		3				2	3	2	
2	3	2	+	3	=	2	3	5	

3



1

4	7	8	3	:	5	=	9	5	6	R	3
4	5										
	2	8									
	2	5									
		3	3			Probe					
		3	0			9	5	6	·	5	
			3				4	7	8	0	
4	7	8	0	+	3	=	4	7	8	3	

1	9	6	0	:	3	=	6	5	3	R	1
1	8										
	1	6									
	1	5									
		1	0			Probe					
			9			6	5	3	·	3	
			1				1	9	5	9	
1	9	5	9	+	1	=	1	9	6	0	

2

3	8	4	1	:	8	=	4	8	0	R	1
3	2										
	6	4									
	6	4									
		0	1			Probe					
						4	8	0	·	8	
							3	8	4	0	
3	8	4	0	+	1	=	3	8	4	1	

3	5	4	5	:	7	=	5	0	6	R	3
3	5										
	0	4	5								
		4	2								
			3			Probe					
						5	0	6	·	7	
							3	5	4	2	
3	5	4	2	+	3	=	3	5	4	5	



1

$$440 : 8 \quad \begin{array}{l} \square \quad 35 \\ \boxed{\times} \quad 55 \end{array}$$

$$348 : 6 \quad \begin{array}{l} \boxed{\times} \quad 58 \\ \square \quad 78 \end{array}$$

$$216 : 4 \quad \begin{array}{l} \square \quad 34 \\ \boxed{\times} \quad 54 \end{array}$$

$$308 : 7 \quad \begin{array}{l} \square \quad 54 \\ \boxed{\times} \quad 44 \end{array}$$

$$288 : 9 \quad \begin{array}{l} \square \quad 22 \\ \boxed{\times} \quad 32 \end{array}$$

$$375 : 5 \quad \begin{array}{l} \boxed{\times} \quad 75 \\ \square \quad 85 \end{array}$$

2

$$280 : 5 \quad \begin{array}{l} \boxed{\times} \quad 56 \\ \square \quad 76 \end{array}$$

$$469 : 7 \quad \begin{array}{l} \square \quad 87 \\ \boxed{\times} \quad 67 \end{array}$$

$$621 : 9 \quad \begin{array}{l} \boxed{\times} \quad 69 \\ \square \quad 89 \end{array}$$

$$72 : 3 \quad \begin{array}{l} \square \quad 44 \\ \boxed{\times} \quad 24 \end{array}$$

$$456 : 8 \quad \begin{array}{l} \boxed{\times} \quad 57 \\ \square \quad 37 \end{array}$$

$$150 : 6 \quad \begin{array}{l} \boxed{\times} \quad 25 \\ \square \quad 45 \end{array}$$

3

$$5296 : 8 \quad \begin{array}{l} \square \quad 562 \\ \boxed{\times} \quad 662 \end{array}$$

$$2780 : 4 \quad \begin{array}{l} \boxed{\times} \quad 695 \\ \square \quad 795 \end{array}$$

$$9584 : 2 \quad \begin{array}{l} \boxed{\times} \quad 4792 \\ \square \quad 5792 \end{array}$$

$$5886 : 9 \quad \begin{array}{l} \boxed{\times} \quad 654 \\ \square \quad 754 \end{array}$$

$$4844 : 7 \quad \begin{array}{l} \boxed{\times} \quad 692 \\ \square \quad 792 \end{array}$$

$$2826 : 3 \quad \begin{array}{l} \boxed{\times} \quad 942 \\ \square \quad 842 \end{array}$$

4

$$53982 : 9 \quad \begin{array}{l} \square \quad 6998 \\ \boxed{\times} \quad 5998 \end{array}$$

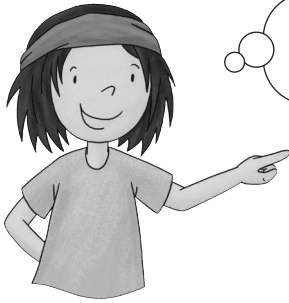
$$26775 : 3 \quad \begin{array}{l} \boxed{\times} \quad 8925 \\ \square \quad 7925 \end{array}$$

$$46608 : 8 \quad \begin{array}{l} \square \quad 4826 \\ \boxed{\times} \quad 5826 \end{array}$$

$$13904 : 2 \quad \begin{array}{l} \boxed{\times} \quad 6952 \\ \square \quad 7952 \end{array}$$

$$20615 : 5 \quad \begin{array}{l} \boxed{\times} \quad 4123 \\ \square \quad 3123 \end{array}$$

$$14934 : 6 \quad \begin{array}{l} \square \quad 1489 \\ \boxed{\times} \quad 2489 \end{array}$$



Zuerst \cdot und $:$,
dann $+$ und $-$!



1

$$5 + (2 \cdot 9) = 23$$

$$(9 \cdot 9) + 9 = 90$$

$$4 + (6 \cdot 3) = 22$$

$$(6 \cdot 3) + 4 = 22$$

$$3 + (8 \cdot 5) = 43$$

$$(8 \cdot 5) + 3 = 43$$

$$8 + (5 \cdot 7) = 43$$

$$(5 \cdot 7) + 8 = 43$$

2

$$8 + (9 \cdot 7) = 71$$

$$(4 \cdot 5) + 9 = 29$$

$$7 + (6 \cdot 9) = 61$$

$$3 + (6 \cdot 5) = 33$$

$$(3 \cdot 6) + 5 = 23$$

$$6 + (9 \cdot 4) = 42$$

$$(8 \cdot 9) + 7 = 79$$

$$7 + (3 \cdot 9) = 34$$

$$16 - (5 \cdot 3) = 1$$

$$16 - (2 \cdot 3) = 10$$

$$(7 \cdot 8) - 6 = 50$$

$$35 - (5 \cdot 7) = 0$$

$$(2 \cdot 9) - 8 = 10$$

$$50 - (8 \cdot 6) = 2$$

$$80 - (9 \cdot 8) = 8$$

$$100 - (6 \cdot 7) = 58$$

3

$$8 + (9 : 3) = 11$$

$$(49 : 7) + 8 = 15$$

$$6 + (18 : 6) = 9$$

$$9 + (25 : 5) = 14$$

$$7 + (12 : 2) = 13$$

$$(21 : 3) + 4 = 11$$

$$(24 : 4) - 3 = 3$$

$$8 - (42 : 6) = 1$$

$$6 - (16 : 4) = 2$$

$$9 - (72 : 9) = 1$$

$$(24 : 8) - 2 = 1$$

$$5 - (27 : 9) = 2$$

4

$$2 + (3 \cdot 6) - 5 = 15$$

$$6 + (7 \cdot 5) - 3 = 38$$

$$5 - 3 + (7 \cdot 6) = 44$$

$$5 + (18 : 9) - 6 = 1$$

$$9 + (9 : 3) - 9 = 3$$

$$7 + (16 : 4) - 7 = 4$$

$$(4 \cdot 4) + (5 \cdot 8) = 56$$

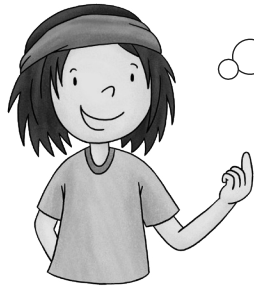
$$(8 \cdot 2) + (4 \cdot 6) = 40$$

$$(4 \cdot 6) - (2 \cdot 3) = 18$$

$$(40 : 4) + (1 \cdot 9) = 19$$

$$(9 \cdot 6) - (2 : 2) = 53$$

$$(3 \cdot 8) + (24 : 6) = 28$$



Die Klammern
zuerst rechnen!

1

$$4 + (6 \cdot 3) = 22$$

$$(4 + 6) \cdot 3 = 30$$

$$3 + (21 : 3) = 10$$

$$(3 + 21) : 3 = 8$$

$$1 + (9 \cdot 2) = 19$$

$$(1 + 9) \cdot 2 = 20$$

$$32 + (8 : 4) = 34$$

$$(32 + 8) : 4 = 10$$

2

$$6 + (2 \cdot 3) = 12$$

$$(2 + 5) \cdot 7 = 49$$

$$5 + (4 \cdot 3) = 17$$

$$(5 + 3) \cdot 6 = 48$$

$$3 + (3 \cdot 4) = 15$$

$$(5 + 2) \cdot 6 = 42$$

$$(4 \cdot 4) + 7 = 23$$

$$7 \cdot (2 + 9) = 77$$

$$(4 \cdot 3) + 7 = 19$$

$$1 \cdot (1 + 8) = 9$$

$$(6 \cdot 1) + 5 = 11$$

$$3 \cdot (5 + 2) = 21$$

3

$$9 - (6 : 2) = 6$$

$$(30 - 3) : 9 = 3$$

$$9 - (32 : 4) = 1$$

$$(8 - 4) : 4 = 1$$

$$12 - (49 : 7) = 5$$

$$(15 - 3) : 6 = 2$$

$$(72 : 8) - 5 = 4$$

$$36 : (6 - 2) = 9$$

$$35 : (7 - 2) = 7$$

$$(25 : 5) - 1 = 4$$

$$21 : (7 - 4) = 7$$

$$40 : (8 - 3) = 8$$

4

$$(4 + 4) \cdot (4 + 3) = 56$$

$$(12 - 9) \cdot (5 + 4) = 27$$

$$(35 - 5) \cdot (9 - 7) = 60$$

$$(2 + 6) \cdot (16 - 8) = 64$$

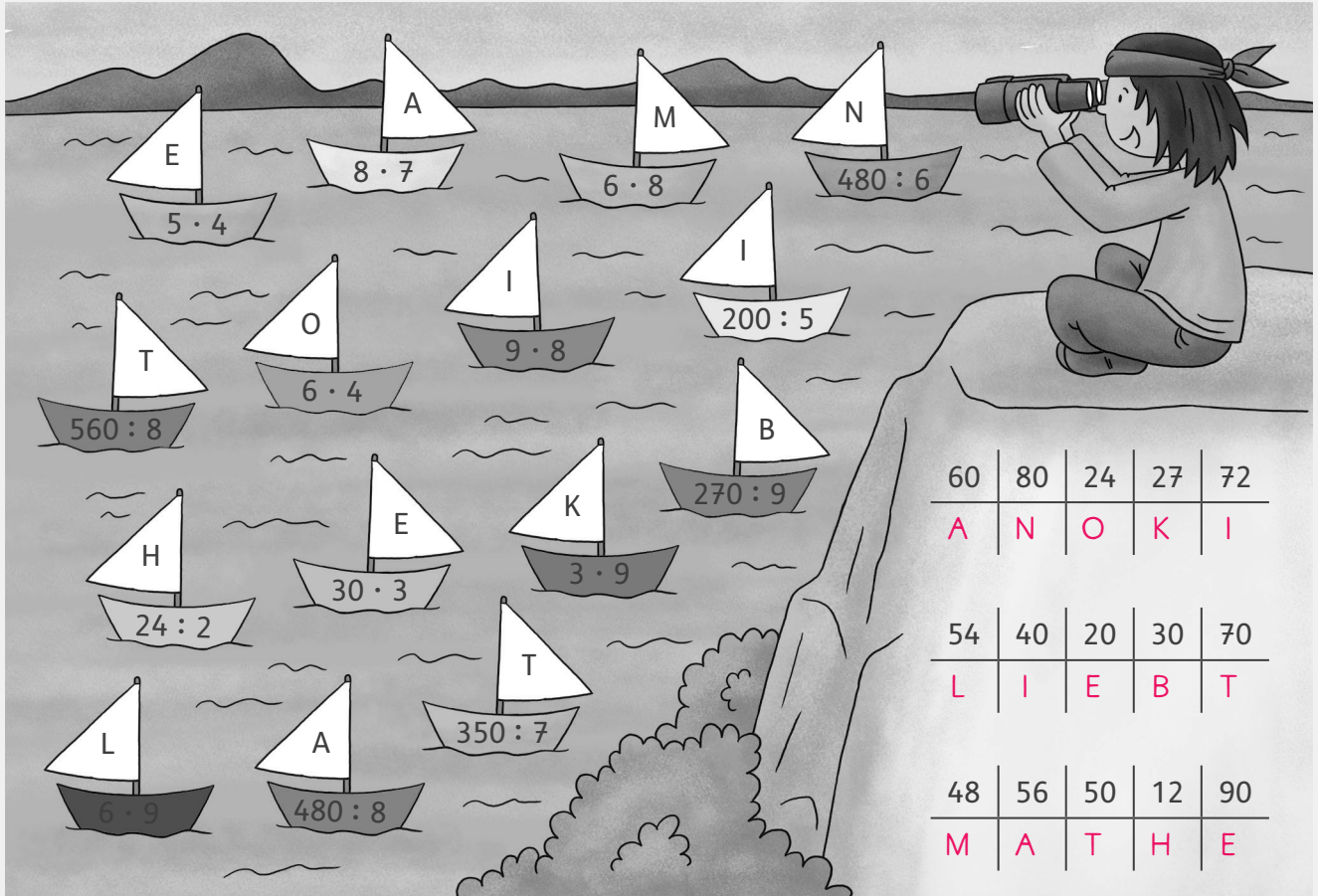
$$(27 + 13) \cdot (12 - 8) = 160$$

$$(1 + 8) \cdot (10 - 7) = 27$$

$$(10 - 1) : (9 - 6) = 3$$

$$(36 - 6) : (12 - 6) = 5$$

$$(80 - 8) : (10 - 2) = 9$$



60	80	24	27	72
A	N	O	K	I
54	40	20	30	70
L	I	E	B	T
48	56	50	12	90
M	A	T	H	E

1

Immer 135€. Finde verschiedene Möglichkeiten.

z. B.

2

Zeichne mit möglichst wenigen Münzen und Scheinen.

276€

572,20€

66,04€

3

$3,32 \text{ €} + \underline{6,68} \text{ €} = 10,00 \text{ €}$

$11,05 \text{ €} + \underline{8,95} \text{ €} = 20,00 \text{ €}$

$57,89 \text{ €} + \underline{42,11} \text{ €} = 100,00 \text{ €}$

$6,90 \text{ €} + \underline{3,10} \text{ €} = 10,00 \text{ €}$

$17,14 \text{ €} + \underline{2,86} \text{ €} = 20,00 \text{ €}$

$34,02 \text{ €} + \underline{65,98} \text{ €} = 100,00 \text{ €}$



1

	10€	1€	10ct	1ct
72,53€	7	2	5	3
43,02€	4	3	0	2
10,48€	1	0	4	8
24,10€	2	4	1	0

2

10€	1€	10ct	1ct	
4	2	0	5	42,05€
5	1	4	0	51,40€
9	0	5	1	90,51€
6	0	0	8	60,08€

3

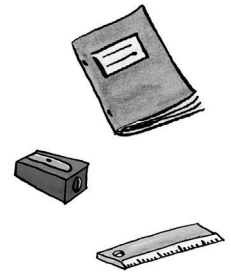
5,86 € = 5 € 86 ct = 586 ct
 3,01 € = 3 € 01 ct = 301 ct

7,02 € = 7€ 2ct = 702 ct
8,38 € = 8€ 38ct = 838 ct

4

Stelle eine Rechenfrage und beantworte sie.

Mira kauft ein Lineal für 1,89€, einen Anspitzer für 1,95€ und zwei Hefte für je 0,39€.



Wie viel muss Mira bezahlen?
Mira muss 4,62€ bezahlen.

				1		8		9		€						3		8		4		€	
				+		1		9		€					+		0		7		8		€
				<u>1</u>		<u>1</u>									<u>1</u>		<u>1</u>						
										3													€
																							€

1

$$72 \text{ s} = \underline{1} \text{ min } \underline{12} \text{ s}$$

$$89 \text{ s} = \underline{1} \text{ min } \underline{29} \text{ s}$$

$$97 \text{ s} = \underline{1} \text{ min } \underline{37} \text{ s}$$

$$66 \text{ s} = \underline{1} \text{ min } \underline{6} \text{ s}$$

$$391 \text{ s} = \underline{6} \text{ min } \underline{31} \text{ s}$$

$$510 \text{ s} = \underline{8} \text{ min } \underline{30} \text{ s}$$

$$134 \text{ s} = \underline{2} \text{ min } \underline{14} \text{ s}$$

$$427 \text{ s} = \underline{7} \text{ min } \underline{7} \text{ s}$$

1 Tag hat 24 Stunden.
 1 Stunde hat 60 Minuten:
 1 h = 60 min
 1 Minute hat 60 Sekunden:
 1 min = 60 s



2

$$136 \text{ min} = \underline{2} \text{ h } \underline{16} \text{ min}$$

$$217 \text{ min} = \underline{3} \text{ h } \underline{37} \text{ min}$$

$$77 \text{ min} = \underline{1} \text{ h } \underline{17} \text{ min}$$

$$380 \text{ min} = \underline{6} \text{ h } \underline{20} \text{ min}$$

$$443 \text{ min} = \underline{7} \text{ h } \underline{23} \text{ min}$$

$$507 \text{ min} = \underline{8} \text{ h } \underline{27} \text{ min}$$

$$235 \text{ min} = \underline{3} \text{ h } \underline{55} \text{ min}$$

$$110 \text{ min} = \underline{1} \text{ h } \underline{50} \text{ min}$$

$$282 \text{ min} = \underline{4} \text{ h } \underline{42} \text{ min}$$

$$350 \text{ min} = \underline{5} \text{ h } \underline{50} \text{ min}$$

$$434 \text{ min} = \underline{7} \text{ h } \underline{14} \text{ min}$$

$$600 \text{ min} = \underline{10} \text{ h } \underline{0} \text{ min}$$

3

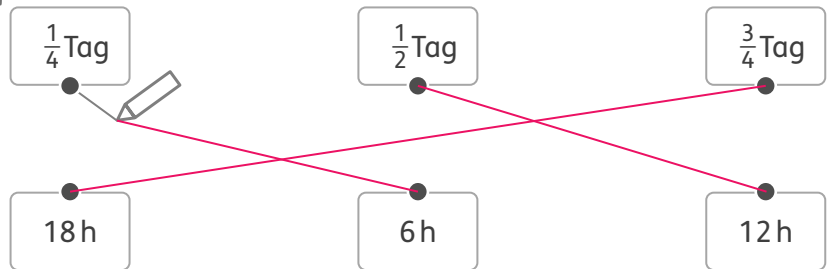
$$48 \text{ h} = \underline{2} \text{ Tage } \underline{0} \text{ h}$$

$$60 \text{ h} = \underline{2} \text{ Tage } \underline{12} \text{ h}$$

$$100 \text{ h} = \underline{4} \text{ Tage } \underline{4} \text{ h}$$

$$96 \text{ h} = \underline{4} \text{ Tage } \underline{0} \text{ h}$$

4





1

Welche Zeitspannen sind gleich? Male sie in derselben Farbe aus.

2

Wie spät ist es?

12.45 Uhr	← 3h	<u>15.45</u> Uhr
8.20 Uhr	← 75min	<u>9.35</u> Uhr
4.07 Uhr	← 4h 10min	<u>8.17</u> Uhr

3

Wie spät war es?

<u>4.03</u> Uhr	← 10h 30min	14.33 Uhr
<u>7.56</u> Uhr	← 1 Tag	7.56 Uhr
<u>17.00</u> Uhr	← 305min	22.05 Uhr

4

Wie lange dauert es?

13.16 Uhr	← 2 h 20 min	15.36 Uhr
21.25 Uhr	← 2 h 50 min	0.15 Uhr
6.42 Uhr	← 4 h 8 min	10.50 Uhr

5

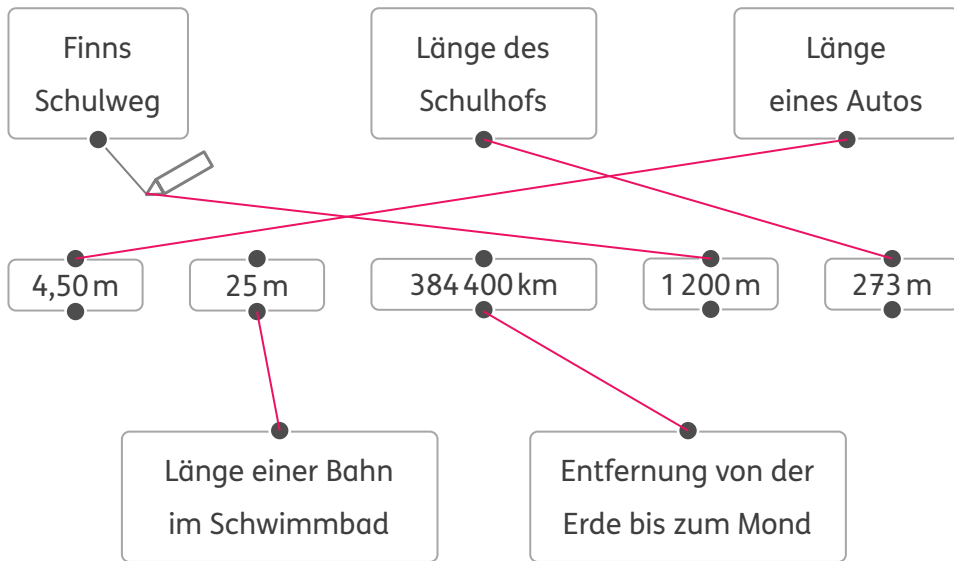
Wie spät ist es in 45 Minuten?

19.30 Uhr	← 45 min	<u>20.15</u> Uhr
4.27 Uhr	← 45 min	<u>5.12</u> Uhr
23.04 Uhr	← 45 min	<u>23.49</u> Uhr

Zeitspannen



1 Verbinde.



1 großer Schritt ist ungefähr 1 Meter.
Laufe 1000 Schritte für etwa einen Kilometer.



Kilometer und Meter

2 Welche Längen sind gleich? Male sie in derselben Farbe aus.

3 860 m	38,6 km	386 m	3 km 86 m	3,860 km	38 km 600 m
0,386 km	3 086 m	3 km 860 m	38 600 m	3,086 km	38 600 cm

1

$$700 \text{ m} + \underline{300} \text{ m} = 1 \text{ km}$$

$$250 \text{ m} + \underline{750} \text{ m} = 1 \text{ km}$$

$$998 \text{ m} + \underline{2} \text{ m} = 1 \text{ km}$$

$$5 \text{ m} + \underline{995} \text{ m} = 1 \text{ km}$$

$$985 \text{ m} + \underline{15} \text{ m} = 1 \text{ km}$$

$$990 \text{ m} + \underline{10} \text{ m} = 1 \text{ km}$$

$$901 \text{ m} + \underline{99} \text{ m} = 1 \text{ km}$$

$$955 \text{ m} + \underline{45} \text{ m} = 1 \text{ km}$$

$$321 \text{ m} + \underline{679} \text{ m} = 1 \text{ km}$$

$$467 \text{ m} + \underline{533} \text{ m} = 1 \text{ km}$$

$$78 \text{ m} + \underline{922} \text{ m} = 1 \text{ km}$$

$$51 \text{ m} + \underline{949} \text{ m} = 1 \text{ km}$$

2

	1 km	100m	10m	1 m
6,357 km	6	3	5	7
7,080 km	7	0	8	0
8,154 km	8	1	5	4
9,239 km	9	2	3	9

3

	1 km	100m	10m	1 m	
8	7	0	2		8,702 km
2	0	4	0		2,04 km
4	5	3	8		4,538 km
9	6	9	5		9,695 km

4

$$8,486 \text{ km} = \underline{8} \text{ km } \underline{486} \text{ m} = \underline{8486} \text{ m}$$

$$17,003 \text{ km} = \underline{17} \text{ km } \underline{3} \text{ m} = \underline{17003} \text{ m}$$

$$39,342 \text{ km} = \underline{39} \text{ km } \underline{342} \text{ m} = \underline{39342} \text{ m}$$

$$56,290 \text{ km} = \underline{56} \text{ km } \underline{290} \text{ m} = \underline{56290} \text{ m}$$

5

$$\underline{4,302} \text{ km} = 4 \text{ km } 302 \text{ m} = \underline{4302} \text{ m}$$

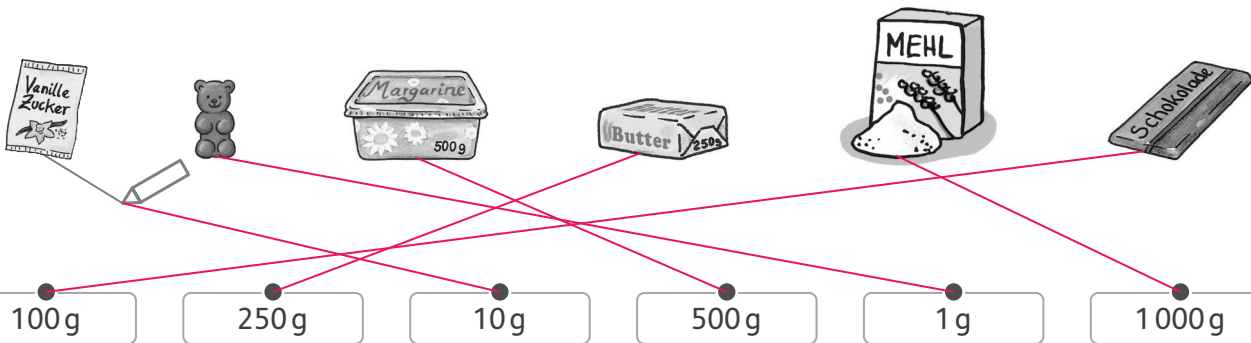
$$\underline{15,43} \text{ km} = 15 \text{ km } 430 \text{ m} = \underline{15430} \text{ m}$$

$$\underline{29,826} \text{ km} = \underline{29} \text{ km } \underline{826} \text{ m} = 29826 \text{ m}$$

$$\underline{3,02} \text{ km} = \underline{3} \text{ km } \underline{20} \text{ m} = 3020 \text{ m}$$



1



2

$875 \text{ g} + \underline{125} \text{ g} = 1 \text{ kg}$ $703 \text{ g} + \underline{297} \text{ g} = 1 \text{ kg}$ $20 \text{ g} + \underline{980} \text{ g} = 1 \text{ kg}$
 $68 \text{ g} + \underline{932} \text{ g} = 1 \text{ kg}$ $541 \text{ g} + \underline{459} \text{ g} = 1 \text{ kg}$ $438 \text{ g} + \underline{562} \text{ g} = 1 \text{ kg}$
 $182 \text{ g} + \underline{818} \text{ g} = 1 \text{ kg}$ $35 \text{ g} + \underline{965} \text{ g} = 1 \text{ kg}$ $864 \text{ g} + \underline{136} \text{ g} = 1 \text{ kg}$

1000 g = 1 kg

3

	10kg	1kg	100g	10g	1g
4,096 kg		4	0	9	6
26,004 kg	2	6	0	0	4
93,428 kg	9	3	4	2	8
51,385 kg	5	1	3	8	5

4

	10kg	1kg	100g	10g	1g	
	1	3	4	8	0	13,480 kg
	8	0	5	0	4	80,504 kg
		3	1	9	6	3,196 kg
	7	9	6	2	3	79,623 kg

1

$$2,058 \text{ kg} = \underline{2} \text{ kg } \underline{58} \text{ g} = \underline{2058} \text{ g}$$

$$0,800 \text{ kg} = \underline{0} \text{ kg } \underline{800} \text{ g} = \underline{800} \text{ g}$$

$$23,8 \text{ kg} = \underline{23} \text{ kg } \underline{800} \text{ g} = \underline{23800} \text{ g}$$

$$8,450 \text{ kg} = \underline{8} \text{ kg } \underline{450} \text{ g} = \underline{8450} \text{ g}$$

$$\underline{2,573} \text{ kg} = 2 \text{ kg } 573 \text{ g} = \underline{2573} \text{ g}$$

$$\underline{8,064} \text{ kg} = 8 \text{ kg } 64 \text{ g} = \underline{8064} \text{ g}$$

$$\underline{17,396} \text{ kg} = \underline{17} \text{ kg } \underline{396} \text{ g} = 17\,396 \text{ g}$$

$$\underline{96,001} \text{ kg} = \underline{96} \text{ kg } \underline{1} \text{ g} = 96\,001 \text{ g}$$

2

Größer, kleiner oder gleich?

$$3\,250 \text{ g} > 3 \text{ kg } 25 \text{ g}$$

$$420 \text{ g} = 0,42 \text{ kg}$$

$$8\,490 \text{ g} < 8\,490 \text{ kg}$$

$$18 \text{ g} < 180 \text{ g}$$

$$5\,041 \text{ g} < 5 \text{ kg } 410 \text{ g}$$

$$72 \text{ g} < 729 \text{ kg}$$

$$17\,348 \text{ g} = 17 \text{ kg } 348 \text{ g}$$

$$324 \text{ g} > 0,032 \text{ kg}$$

$$46 \text{ kg } 30 \text{ g} < 46,3 \text{ kg}$$

$$20 \text{ kg } 500 \text{ g} = 20,5 \text{ kg}$$

$$98 \text{ kg } 9 \text{ g} < 98,09 \text{ kg}$$

$$14 \text{ kg } 130 \text{ g} > 14,013 \text{ kg}$$

3

$$70 \text{ g} + 2 \text{ kg} + 900 \text{ g} = \underline{2970} \text{ g}$$

$$400 \text{ g} + 800 \text{ g} + 15 \text{ kg} = \underline{16200} \text{ g}$$

$$50 \text{ g} + 2 \text{ kg} + 600 \text{ g} = \underline{2650} \text{ g}$$

$$36 \text{ kg} + 8 \text{ g} + 900 \text{ g} = \underline{36908} \text{ g}$$

4

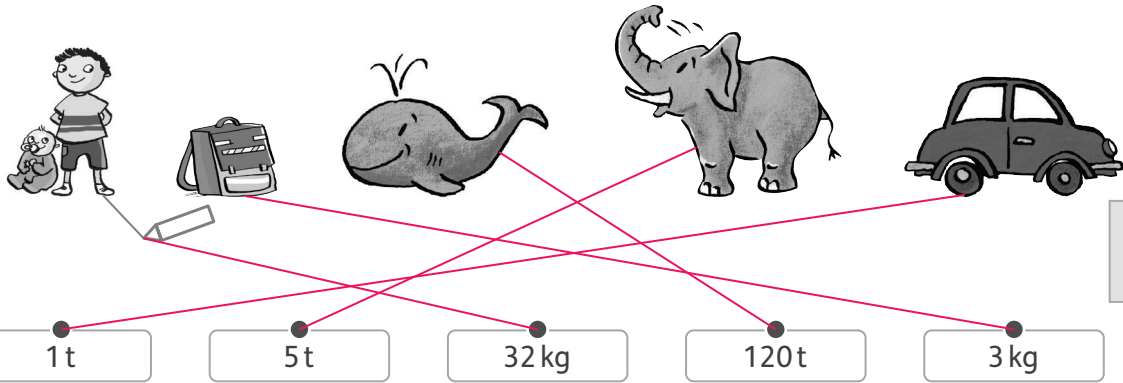
$$8 \text{ kg} - 200 \text{ g} - 30 \text{ g} = \underline{7770} \text{ g}$$

$$90 \text{ kg} - 100 \text{ g} - 3 \text{ g} = \underline{89897} \text{ g}$$

$$67 \text{ kg} - 8 \text{ g} - 20 \text{ g} = \underline{66972} \text{ g}$$

$$24 \text{ kg} - 6 \text{ kg} - 250 \text{ g} = \underline{17750} \text{ g}$$

1



1 Tonne sind
1 000 Kilogramm.
1 t = 1 000 kg

2

$324 \text{ kg} + \underline{676} \text{ kg} = 1 \text{ t}$

$790 \text{ kg} + \underline{210} \text{ kg} = 1 \text{ t}$

$36 \text{ kg} + \underline{964} \text{ kg} = 1 \text{ t}$

$18 \text{ kg} + \underline{982} \text{ kg} = 1 \text{ t}$

$632 \text{ kg} + \underline{368} \text{ kg} = 1 \text{ t}$

$904 \text{ kg} + \underline{96} \text{ kg} = 1 \text{ t}$

$967 \text{ kg} + \underline{33} \text{ kg} = 1 \text{ t}$

$413 \text{ kg} + \underline{587} \text{ kg} = 1 \text{ t}$

$555 \text{ kg} + \underline{445} \text{ kg} = 1 \text{ t}$

3

	10t	1t	100kg	10kg	1kg
36,804t	3	6	8	0	4
9,946t		9	9	4	6
83,223t	8	3	2	2	3
67,187t	6	7	1	8	7

4

	10t	1t	100kg	10kg	1kg	
		3	7	9	6	3,796t
2	2	0	4	5		22,045t
6	8	3	0	2		68,302t
8	4	1	7	0		84,170t

1

$$7,503 \text{ t} + = \underline{7} \text{ t } \underline{503} \text{ kg} = \underline{7503} \text{ kg}$$

$$90,475 \text{ t} + = \underline{90} \text{ t } \underline{475} \text{ kg} = \underline{90475} \text{ kg}$$

$$31,007 \text{ t} + = \underline{31} \text{ t } \underline{7} \text{ kg} = \underline{31007} \text{ kg}$$

$$4,043 \text{ t} + = \underline{4} \text{ t } \underline{43} \text{ kg} = \underline{4043} \text{ kg}$$

$$\underline{19,222} \text{ t} = 19 \text{ t } 222 \text{ kg} = \underline{19222} \text{ kg}$$

$$\underline{15,098} \text{ t} = 15 \text{ t } 98 \text{ kg} = \underline{15098} \text{ kg}$$

$$\underline{44,370} \text{ t} = \underline{44} \text{ t } \underline{370} \text{ kg} = 44\,370 \text{ kg}$$

$$\underline{20,603} \text{ t} = \underline{20} \text{ t } \underline{603} \text{ kg} = 20\,603 \text{ kg}$$

 2

Größer, kleiner oder gleich?

$$3\,547 \text{ kg} \text{ (} \textcircled{=} \text{)} 3 \text{ t } 547 \text{ kg}$$

$$81\,052 \text{ kg} \text{ (} \textcircled{=} \text{)} 81 \text{ t } 52 \text{ kg}$$

$$229 \text{ kg} \text{ (} \textcircled{<} \text{)} 2\,290 \text{ t}$$

$$4\,003 \text{ kg} \text{ (} \textcircled{<} \text{)} 4 \text{ t } 30 \text{ kg}$$

$$2\,030 \text{ kg} \text{ (} \textcircled{<} \text{)} 20,3 \text{ t}$$

$$7\,908 \text{ kg} \text{ (} \textcircled{=} \text{)} 7,908 \text{ t}$$

$$10\,080 \text{ kg} \text{ (} \textcircled{>} \text{)} 1,008 \text{ t}$$

$$324 \text{ kg} \text{ (} \textcircled{<} \text{)} 3,6 \text{ t}$$

$$23 \text{ t } 74 \text{ kg} \text{ (} \textcircled{<} \text{)} 23,74 \text{ t}$$

$$30 \text{ t } 700 \text{ kg} \text{ (} \textcircled{>} \text{)} 3,7 \text{ t}$$

$$49 \text{ t } 2 \text{ kg} \text{ (} \textcircled{=} \text{)} 49,002 \text{ t}$$

$$86 \text{ t } 301 \text{ kg} \text{ (} \textcircled{<} \text{)} 86,31 \text{ t}$$

3

$$50 \text{ kg} + 3 \text{ t} + 800 \text{ kg} = \underline{3850} \text{ kg}$$

$$900 \text{ kg} + 200 \text{ kg} + 16 \text{ t} = \underline{17100} \text{ kg}$$

$$8 \text{ t} + 5 \text{ kg} + 70 \text{ kg} = \underline{8075} \text{ kg}$$

$$10 \text{ t} + 285 \text{ kg} + 715 \text{ kg} = \underline{11000} \text{ kg}$$

4

$$9 \text{ t} - 800 \text{ kg} - 50 \text{ kg} = \underline{8150} \text{ kg}$$

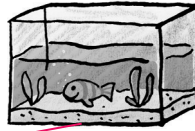
$$70 \text{ t} - 300 \text{ kg} - 4 \text{ kg} = \underline{69696} \text{ kg}$$

$$60 \text{ t} - 700 \text{ kg} - 90 \text{ kg} = \underline{59210} \text{ kg}$$

$$5 \text{ t} - 10 \text{ kg} - 300 \text{ kg} = \underline{4690} \text{ kg}$$



Wo passt gleich viel hinein? Verbinde.



2

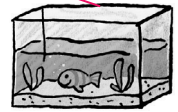
1l

10l

80l

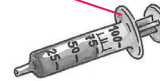
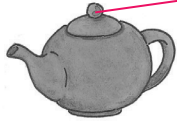
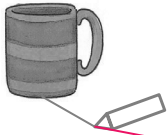
150l

500l





Wo passt gleich viel hinein? Verbinde.



2

1 ml

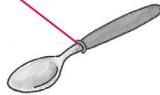
10 ml

100 ml

200 ml

750 ml

1000 ml



3

$342 \text{ ml} + \underline{658} \text{ ml} = 1 \text{ l}$

$50 \text{ ml} + \underline{950} \text{ ml} = 1 \text{ l}$

$936 \text{ ml} + \underline{64} \text{ ml} = 1 \text{ l}$

$37 \text{ ml} + \underline{963} \text{ ml} = 1 \text{ l}$

$432 \text{ ml} + \underline{568} \text{ ml} = 1 \text{ l}$

$84 \text{ ml} + \underline{916} \text{ ml} = 1 \text{ l}$

1000 ml = 1 l

Liter und Milliliter

1

	10l	1l	100ml	10ml	1ml
38,402l	3	8	4	0	2
94,001l	9	4	0	0	1
5,367l		5	3	6	7
61,483l	6	1	4	8	3

2

	10l	1l	100ml	10ml	1ml	
	2	5	3	3	7	25,337l
		7	0	2	1	7,021l
	6	3	4	8	2	63,482l
	4	9	2	7	8	49,278l

3

$$37,700 \text{ l} = \underline{37} \text{ l } \underline{700} \text{ ml} = \underline{37700} \text{ ml}$$

$$54,020 \text{ l} = \underline{54} \text{ l } \underline{20} \text{ ml} = \underline{54020} \text{ ml}$$

$$1,8 \text{ l} = \underline{1} \text{ l } \underline{800} \text{ ml} = \underline{1800} \text{ ml}$$

$$0,5 \text{ l} = \underline{0} \text{ l } \underline{500} \text{ ml} = \underline{500} \text{ ml}$$

$$\underline{3,2} \text{ l} = 3 \text{ l } 200 \text{ ml} = \underline{3200} \text{ ml}$$

$$\underline{77,05} \text{ l} = 77 \text{ l } 50 \text{ ml} = \underline{77050} \text{ ml}$$

$$\underline{0,032} \text{ l} = \underline{0} \text{ l } \underline{32} \text{ ml} = 32 \text{ ml}$$

$$\underline{8,009} \text{ l} = \underline{8} \text{ l } \underline{9} \text{ ml} = 8009 \text{ ml}$$

4

Größer, kleiner oder gleich?

$$905 \text{ ml} < 1 \text{ l}$$

$$36 \text{ ml} = 0,036 \text{ l}$$

$$420 \text{ ml} < 4,2 \text{ l}$$

$$750 \text{ ml} = \frac{3}{4} \text{ l}$$

$$1 \text{ l} = 1000 \text{ ml}$$

$$250 \text{ ml} < \frac{1}{2} \text{ l}$$

$$17 \text{ ml} < 0,170 \text{ l}$$

$$800 \text{ ml} < 8 \text{ l}$$




$$19,400 \text{ l} > 19 \text{ l } 4 \text{ ml}$$

$$3,804 \text{ l} > 3 \text{ l } 800 \text{ ml}$$

$$75,750 \text{ l} > 75 \text{ l } 75 \text{ ml}$$

$$4 \text{ l} > 1000 \text{ ml}$$



		
<p>Tropical für 3 Personen</p> <p>0,2l Kirschsft 0,4l Orangensaft 6 ml Zitronensaft</p>	<p>Sunshine für 4 Personen</p> <p>500 ml Apfelsaft 140 ml Grenadine 80 ml Maracujasaft 80 ml Pfirsichsaft</p>	<p>Himmel und Erde für 6 Personen</p> <p>500 ml Apfelsaft 300 ml Karottensaft 100 ml Zitronensaft</p>

Tropical
für 6 Personen

400 ml Kirschsft
800 ml Orangensaft
12 ml Zitronensaft

Sunshine
für 1 Person

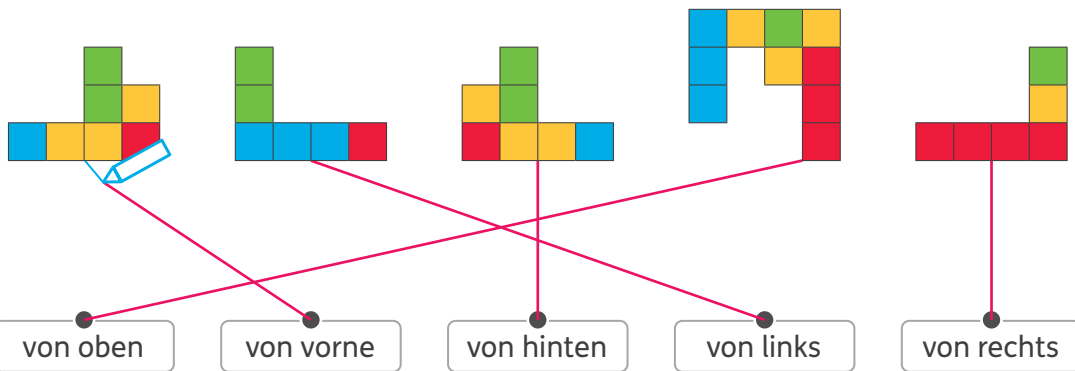
125 ml Apfelsaft
35 ml Grenadine
20 ml Maracujasaft
20 ml Pfirsichsaft

Himmel und Erde
für 3 Personen

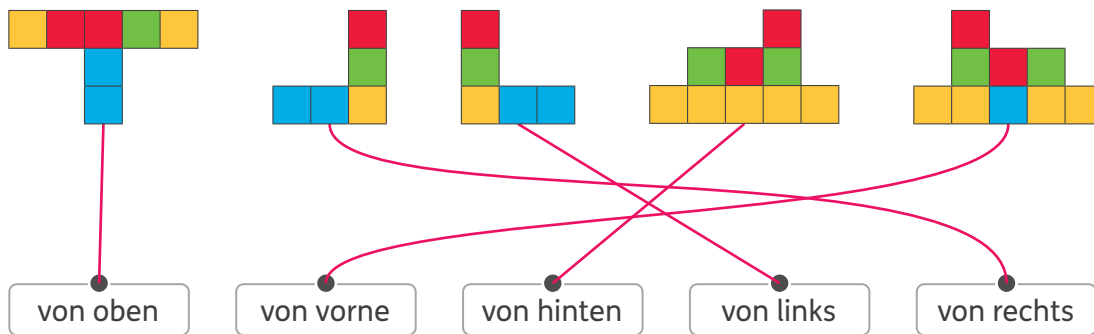
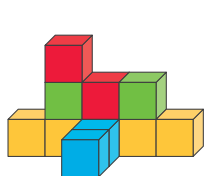
250 ml Apfelsaft
150 ml Karottensaft
50 ml Zitronensaft



1 Ordne die Ansichten zu. Verbinde.



2

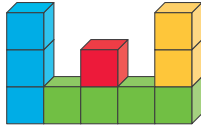


Ansichten zuordnen

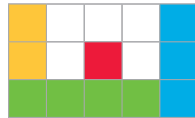
1

Zeichne die Ansichten.

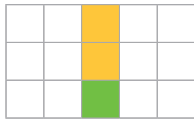
Male sie passend aus.



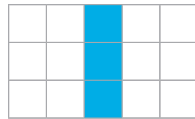
von vorne



von hinten

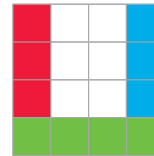
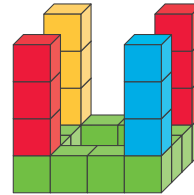


von rechts



von links

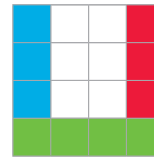
2



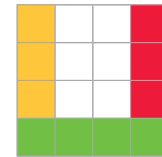
von vorne



von hinten



von rechts



von links

Ansichten zuordnen



1 Ergänze die Namen der Körper.



Würfel



Quader



Zylinder



Pyramide



Kegel

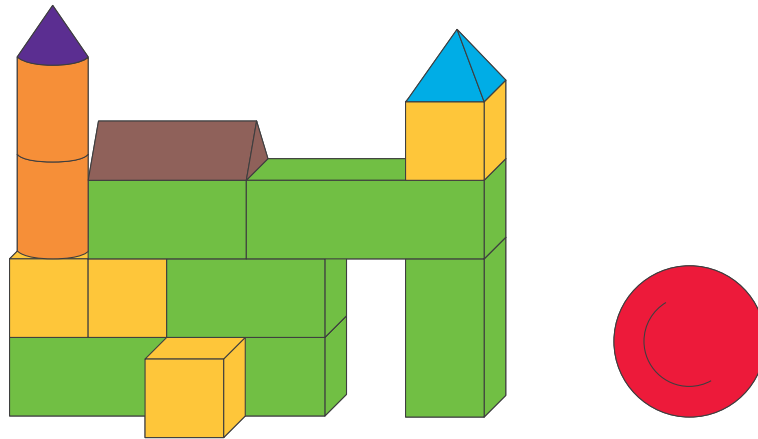


Kugel



Prisma

2 Male passend aus.
z. B.



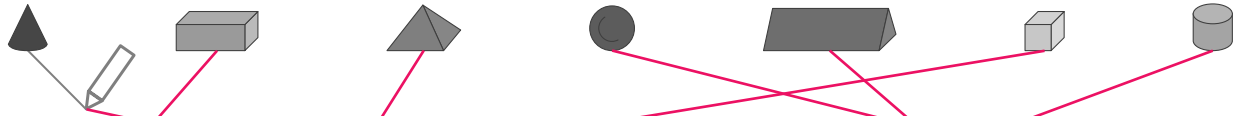
3 Welche Körperformen gibt es häufig in deiner Umgebung?

z. B. Quader: Mauersteine, Schuhkartons, Häuser, Schränke

Körper erkennen



Verbinde mit der passenden Tabelle.



Ecken	8
Kanten	12
Flächen	6

Ecken	5
Kanten	8
Flächen	5

Spitze	1
Kanten	1
Flächen	2

Ecken	0
Kanten	2
Flächen	3

Ecken	6
Kanten	9
Flächen	5

Ecken	0
Kanten	0
Flächen	1



An welchen Körpern findest du diese Flächen?



Pyramide, **Würfel**



Quader, Prisma, Zylinder



Pyramide, Prisma



Kegel, Zylinder





1 Ergänze die Namen der Flächen.



Kreis



Dreieck



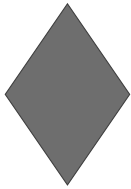
Quadrat



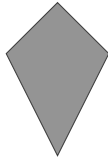
Rechteck



Parallelogramm



Raute



Drachen



gleichschenkliges Trapez

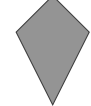
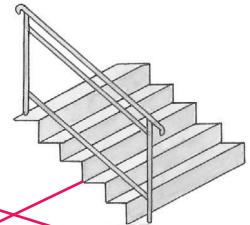
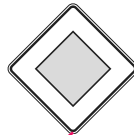
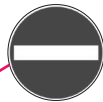


Trapez



rechtwinkliges Trapez

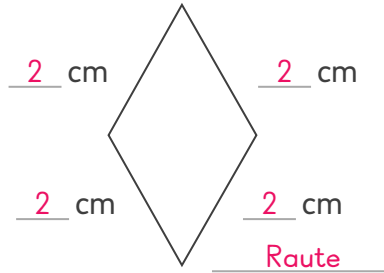
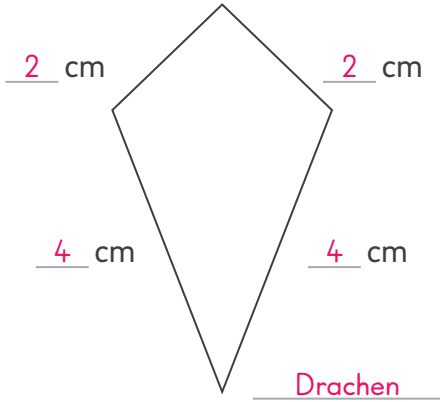
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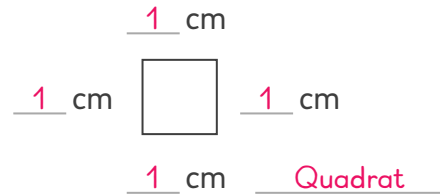
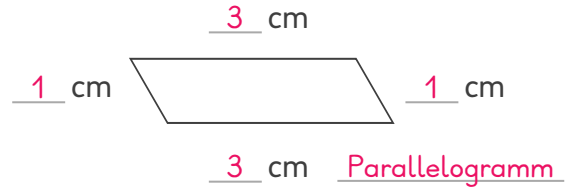
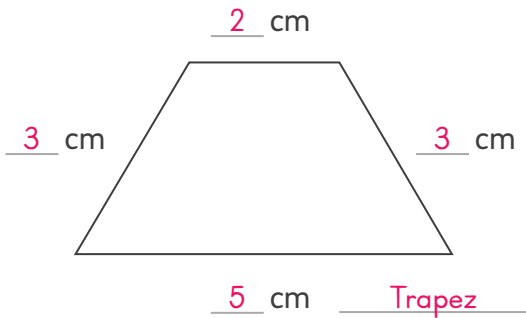
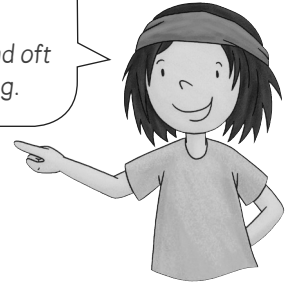
Flächenformen erkennen



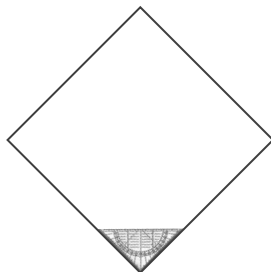
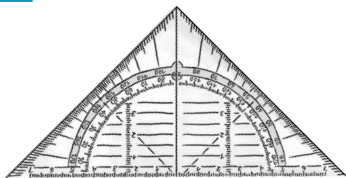
Beschrifte die Figuren. Male sie passend aus. Miss die Seitenlängen.



Gegenüberliegende Seiten sind oft gleich lang.



Flächenformen erkennen

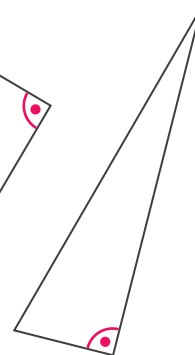
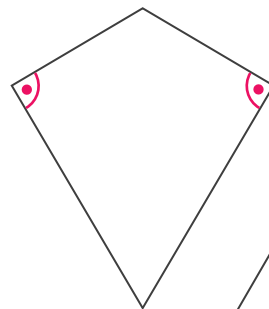
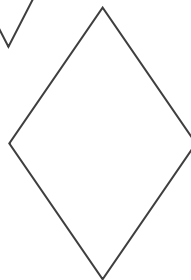
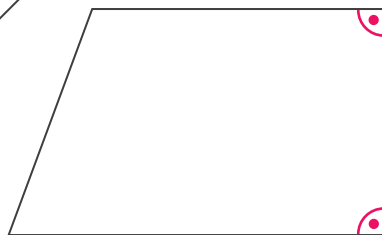
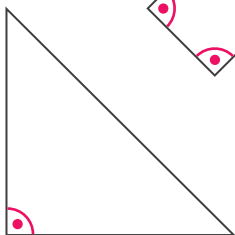
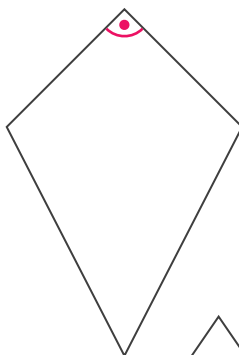
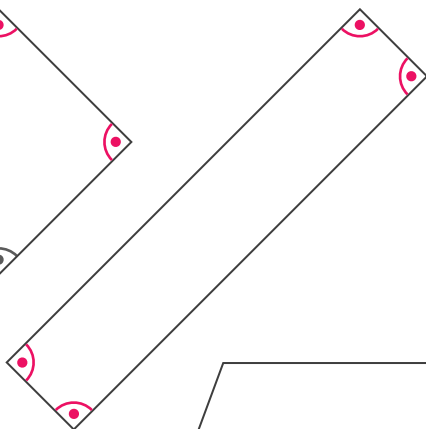
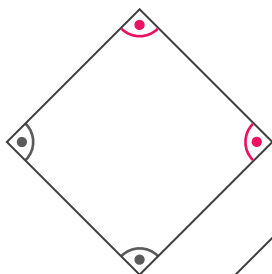


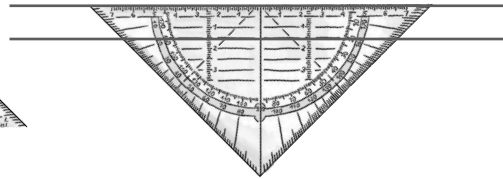
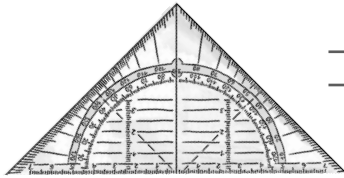
Das ist ein rechter Winkel.



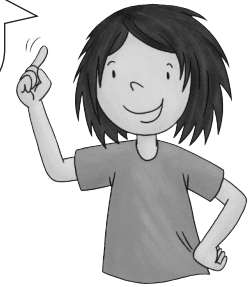
1 Prüfe mit dem Geodreieck.

Zeichne die rechten Winkel ein.



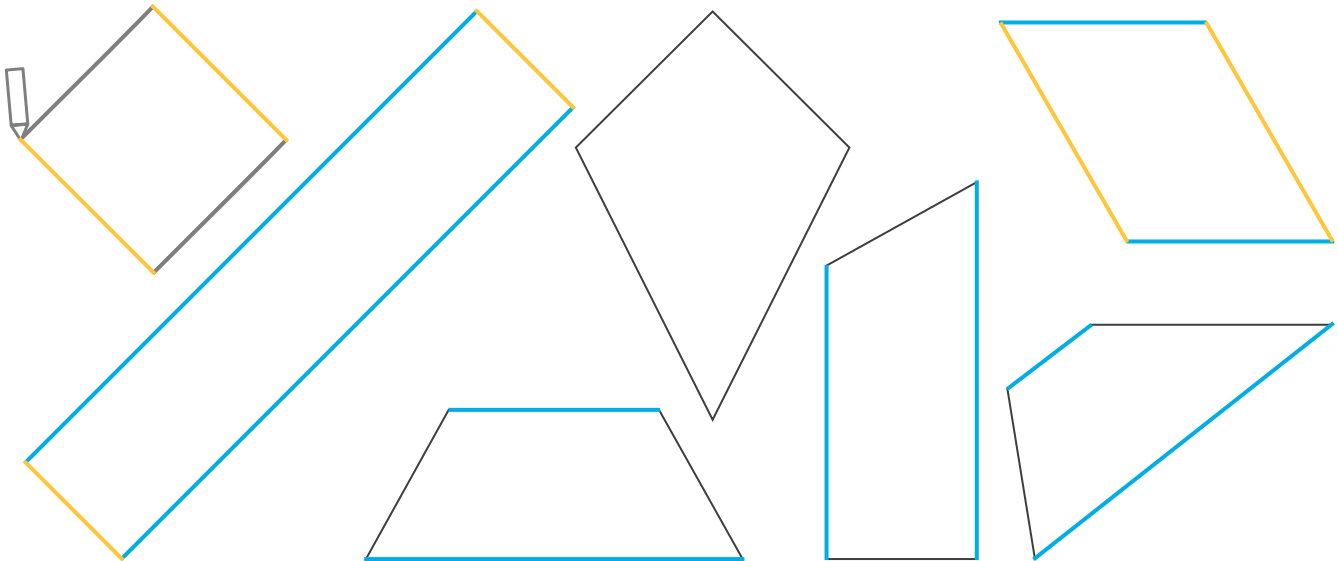


Diese Linien
sind zueinander
parallel.



Prüfe mit dem Geodreieck.

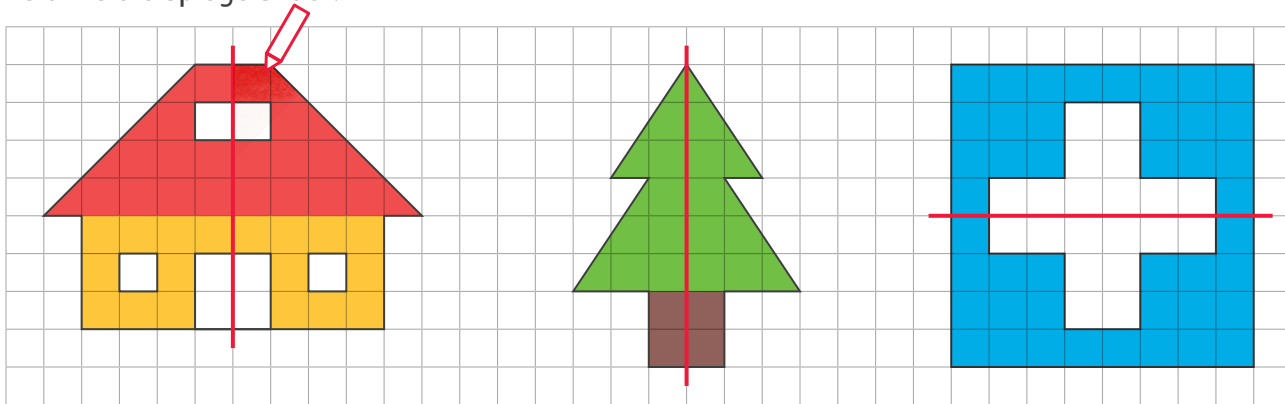
Markiere zueinander parallele Linien in derselben Farbe.



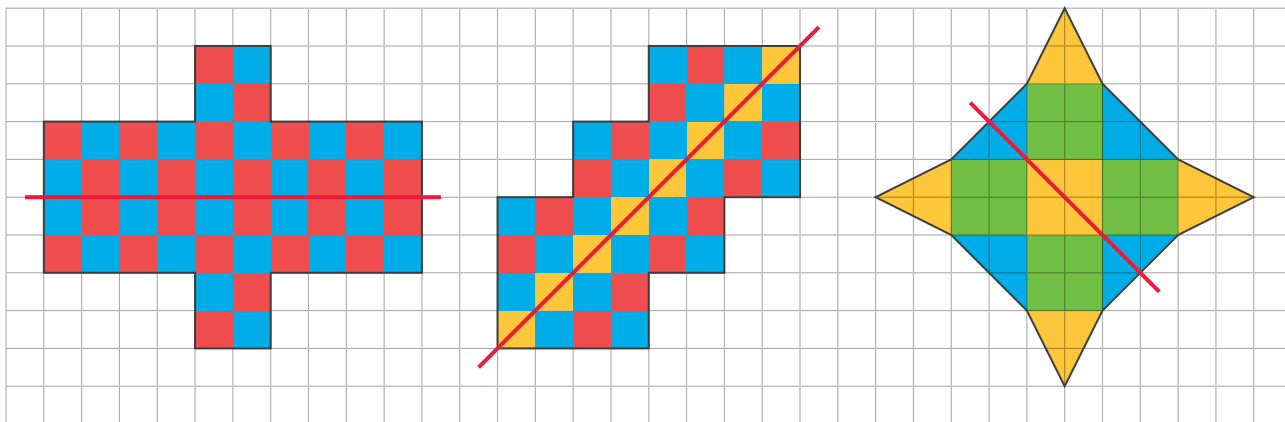
Parallele Linien



Zeichne die Spiegelbilder.

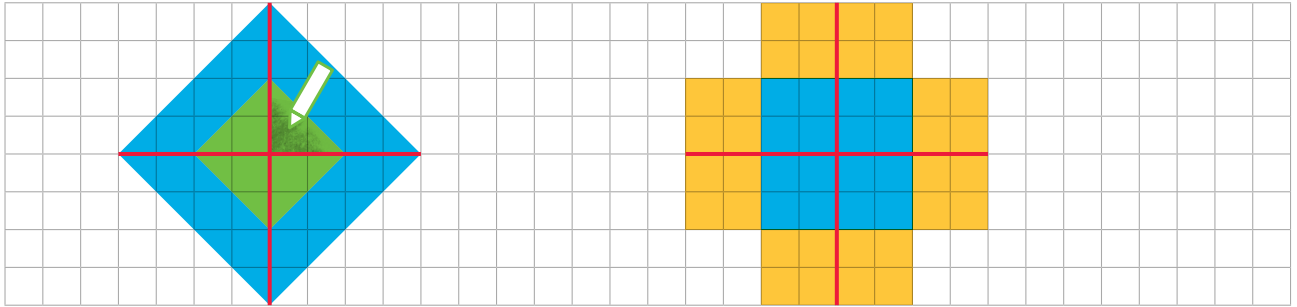


2

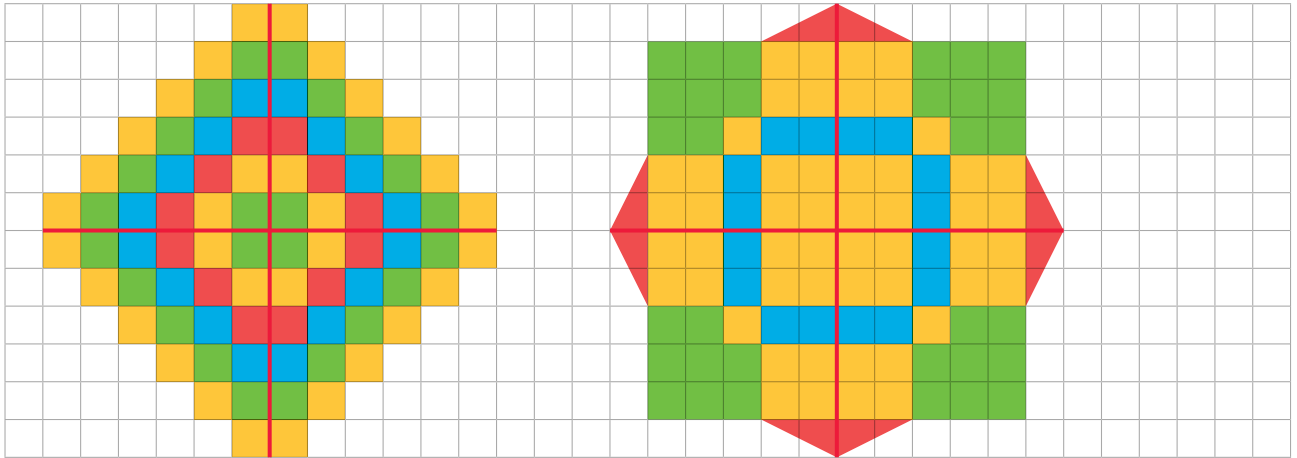


1

Spiegle die Figur an beiden Spiegelachsen.



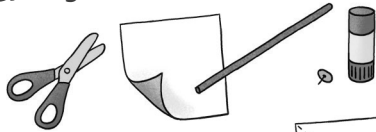
2



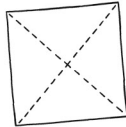


Bastelanleitung für eine Windmühle

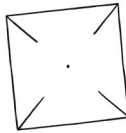
Material:



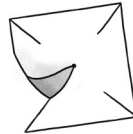
Nimm das Quadrat.
Falte zwei Diagonalen.



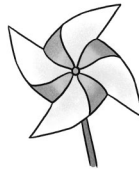
Schneide von den Ecken aus
die Diagonalen bis zur Hälfte
der Mittelpunkte ein.



Klebe alle vier Seiten
am Mittelpunkt fest.



Hefte die Windmühle mit einer
Reißzwecke am Mittelpunkt an
einen Stock.





1

	+	372	372 000
		514	886
			372 514
8		514 000	514 372
			886 000

	-	5	500
		696	691
			196
		696 000	695 995
			695 500



2

		4	0	9	6
	+	2	1	5	4
			1	1	
5		6	2	5	0

		5	4	4	2
	+	3	9	1	7
		1			
		9	3	5	9

		3	1	7	4
	+	4	5	6	9
		1	1		
		7	7	4	3

		7	5	4	2
	+	1	5	3	7
		1			
		9	0	7	9

		6	4	8	4
	+	2	7	0	5
		1			
		9	1	8	9



3

		5	3	6	3
	-	3	2	0	7
			1		
5		2	1	5	6

		9	8	0	4
	-	7	3	2	1
		1			
		2	4	8	3

		7	4	5	8
	-	4	8	3	2
		1			
		2	6	2	6

		6	9	7	1
	-	5	4	3	8
			1		
		1	5	3	3

		8	3	4	6
	-	6	7	9	8
		1	1	1	
		1	5	4	8

18



Teste dich!



1 $5 \cdot 3 = \underline{15}$

$7 \cdot 60 = \underline{420}$

$49 : 7 = \underline{7}$

$360 : 40 = \underline{9}$

$5 \cdot 30 = \underline{150}$

$70 \cdot 60 = \underline{4200}$

$490 : 7 = \underline{70}$

$36 : 4 = \underline{9}$

$5 \cdot 300 = \underline{1500}$

$700 \cdot 6 = \underline{4200}$

$4900 : 7 = \underline{700}$

$3600 : 40 = \underline{90}$



2

5	4	3	·	9	
5		4	8	8	7

4	7	8	·	3
	1	4	3	4

2	0	9	·	8
	1	6	7	2

2	6	·	3	5
		7	8	
		1	3	0
			1	
		9	1	0

7	3	·	6	7	
		4	3	8	
		5	1	1	
		4	8	9	1



3

	6	7	8	3	:	3	=	2	2	6	1
	-	6									
	0	7									
	-	6									
		1	8								
	-	1	8								
			0	3							
			-	3							
				0							

	1	8	7	4	5	:	5	=	3	7	4	9
	-	1	5									
		3	7									
	-	3	5									
			2	4								
		-	2	0								
				4	5							
			-	4	5							
					0							

19





1

Welche Zeitspannen sind gleich? Male sie in derselben Farbe aus.

2

2,3 cm = 23 mm

1,40 m = 140 cm

3,8 km = 3800 m

6

40,1 cm = 401 mm

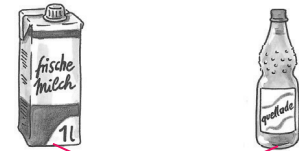
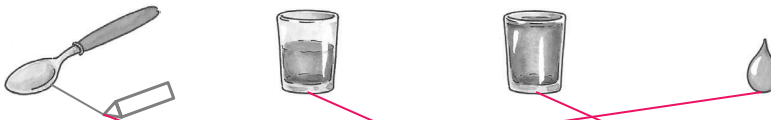
5,03 m = 503 cm

4,07 km = 4070 m



3

Verbinde.



--	--	--	--	--	--

18



Teste dich!

1 Male passend aus.



von hinten



von links

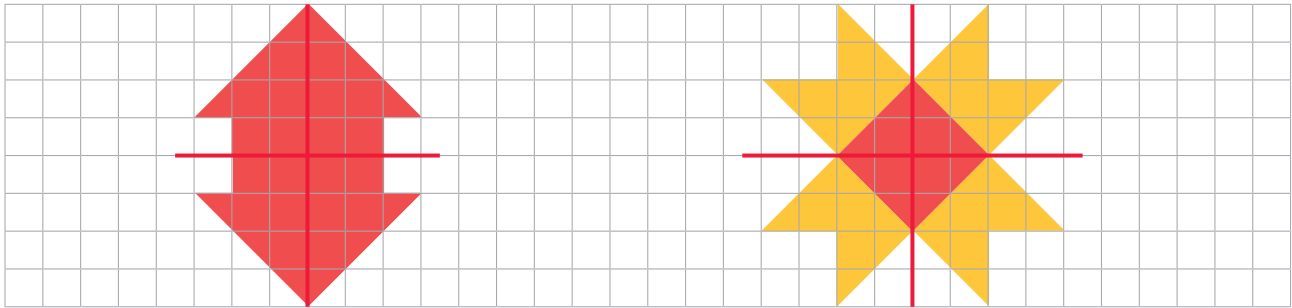


von vorne



von rechts

2 Spiegle die Figur an beiden Achsen.




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Ablang, Friederike, Berlin, **35.1; 47.1**; Burghart-Vollhardt, Martina, Kamenz, **3.1; 62.2; 62.5**; Ernst Klett Verlag GmbH, Stuttgart (Klett Archiv), **7.2**; Fröhlich, Anke, Leipzig, **1.1; 1.7; 7.1; 11.1; 15.2; 18.1; 21.1; 29.1; 43.2; 50.1; 51.1; 53.1; 53.2; 53.3; 54.1; 56.1; 58.3; 60.2; 60.3; 60.5; 62.3; 62.7; 62.8; 62.9; 62.10; 65.1; 69.1; 76.1**; Fuhrmann, Gisela, Hannover, **70.4**; Görtler, Carolin, Berlin, **23.1; 37.1**; Kranenberg, Hendrik, Drolshagen, **20.1**; Leuschner, Katja, Halle/S., **2.1**; Miedzinski, Pawel, Kozięglowy/Polen, **24.1; 62.6**; Nicolai, Axel, Sonnebüll, **43.3; 45.1**; Oser, Liliane, Hamburg, **15.1; 58.1; 60.1; 60.4; 62.1; 62.12**; Rauschenbach, Anke, Leipzig, **72.2**; Reimers, Silke, Mainz, **19.1**; Schumann, Friederike, Berlin, **26.1; 27.1; 45.2**; URW, Hamburg, **70.1; 70.2; 70.3; 70.7**; Woernle, Hela, Hannover, **58.2; 58.4; 58.5; 58.6; 62.4; 62.11; 63.1; 63.2; 63.3; 63.4; 63.5; 63.6; 63.7; 63.8; 63.9; 63.10; 63.11; 63.12; 63.13; 63.15**;

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