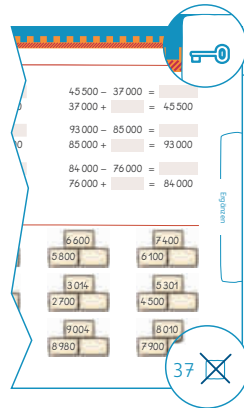




Richtig rechnen 4

Lösungen

So lernst du mit dem Indianerheft

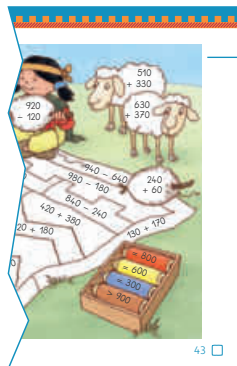


Übungsseite:

Die Erklärung zu allen Symbolen findest du auf den Karten am Ende des Heftes.

Bearbeitungshilfe:

Diese Seite sollst du bearbeiten.



Indianerseiten:

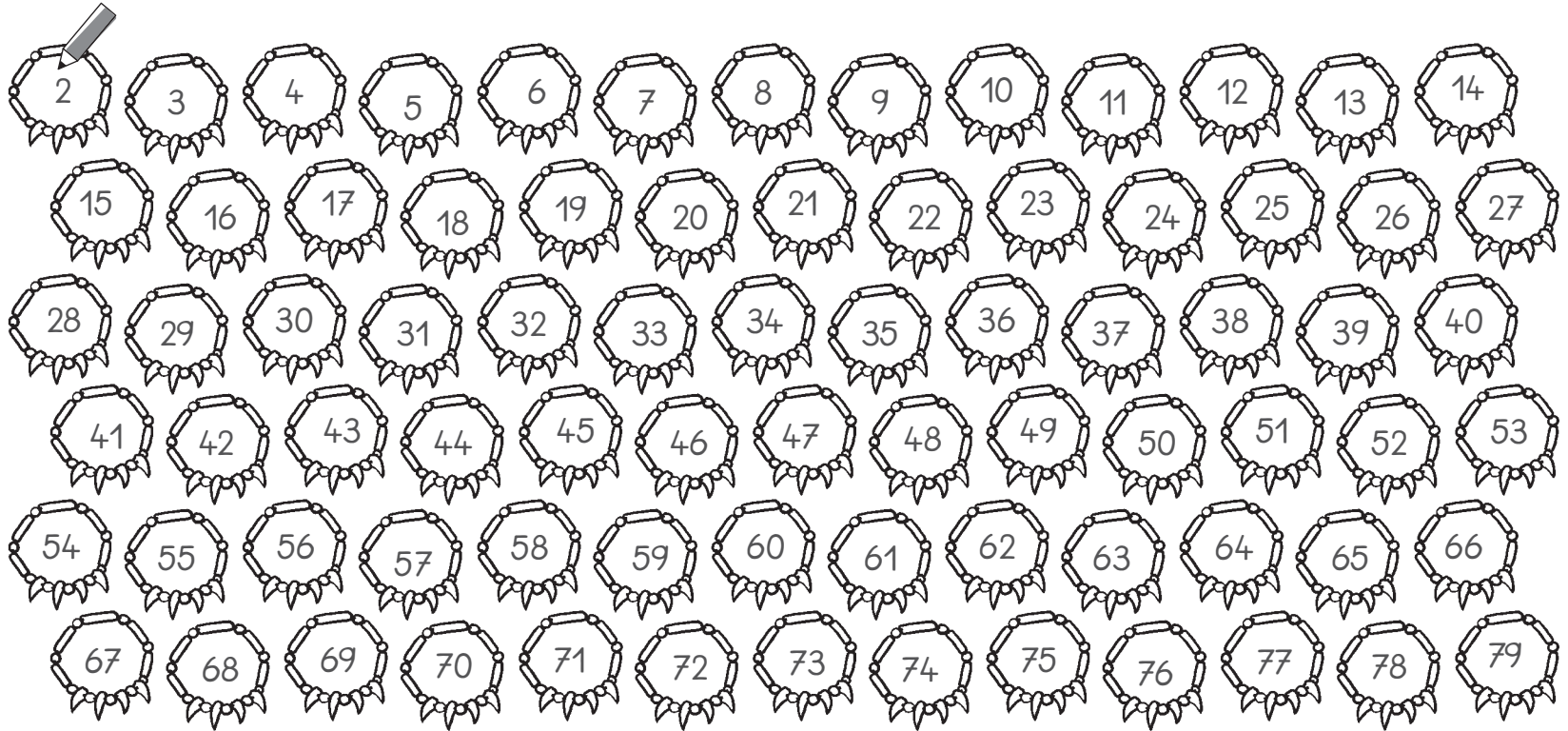
Du kannst das Gelernte spielerisch anwenden und vertiefen.

- Die Indianerhefte sind lehrwerksunabhängige Übungshefte, mit denen die Kinder selbstständig und in ihrem individuellen Tempo arbeiten können.
 - Neben den Übungsseiten befinden sich in jedem Heft auch motivierende Sonderseiten. Mit diesen gelb unterlegten Indianerseiten kann das Kind das Gelernte spielerisch anwenden und vertiefen.
 - Auf der hinteren Umschlagseite innen finden die Kinder Tipps für die selbstständige und strategiegeleitete Bearbeitung der Aufgaben.
 - Die Lehrerin kann im Kästchen neben der Seitenzahl die Seite ankreuzen, die das Kind bearbeiten soll. So kann jedes Kind gezielt üben.
- 1** Das Kopfrechnen wird gefördert durch regelmäßig integrierte Aufgaben zu denen geschickte Rechenwege gezeigt werden. Die Kinder können sie an den roten Aufgabennummern erkennen.



Lösungen zu diesem Heft finden Sie unter
www.klett.de/indianerhefte/einstieg

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



1

$10 \cdot 70 = 700$

$5 \cdot 70 = 350$

$10 \cdot 50 = 500$

$5 \cdot 50 = 250$

$2 \cdot 80 = 160$

$4 \cdot 80 = 320$

$2 \cdot 30 = 60$

$4 \cdot 30 = 120$

$4 \cdot 50 = 200$

$8 \cdot 50 = 400$

$4 \cdot 80 = 320$

$8 \cdot 80 = 640$

$3 \cdot 30 = 90$

$6 \cdot 30 = 180$

$3 \cdot 60 = 180$

$6 \cdot 60 = 360$

$7 \cdot 20 = 140$

$9 \cdot 20 = 180$

$7 \cdot 70 = 490$

$9 \cdot 70 = 630$

2

$100 \cdot 3 = 300$

$50 \cdot 3 = 150$

$100 \cdot 90 = 900$

$50 \cdot 90 = 450$

$20 \cdot 5 = 100$

$40 \cdot 5 = 200$

$20 \cdot 7 = 140$

$40 \cdot 7 = 280$

$40 \cdot 7 = 280$

$80 \cdot 7 = 560$

$40 \cdot 3 = 120$

$80 \cdot 3 = 240$

$30 \cdot 9 = 270$

$60 \cdot 9 = 540$

$30 \cdot 8 = 240$

$60 \cdot 8 = 480$

$70 \cdot 5 = 350$

$90 \cdot 5 = 450$

$70 \cdot 6 = 420$

$90 \cdot 6 = 540$

3

·	90	60	30
2	180	120	60
4	360	240	120
6	540	360	180
8	720	480	240
10	900	600	300

·	20	40	80
7	140	280	560
9	180	360	720
5	100	200	400
8	160	320	640
6	120	240	480

·	5	10	9
90	450	900	810
50	250	500	450
70	350	700	630
60	300	600	540
80	400	800	720

·	3	6
20	60	120
50	150	300
70	210	420
90	270	540
40	120	240

1

:	2	4
12	6	3
120	60	30
16	8	4
160	80	40

:	3	6
18	6	3
180	60	30
12	4	2
120	40	20

:	4	8
24	6	3
240	60	30
16	4	2
160	40	20

:	5	10
40	8	4
400	80	40
30	6	3
300	60	30

:	3	9
9	3	1
90	30	10
27	9	3
270	90	30

2

$4 \cdot 40 = 160$

$6 \cdot 60 = 360$

$7 \cdot 70 = 490$

$8 \cdot 80 = 640$

$10 \cdot 100 = 1000$

$2 \cdot 20 = 40$

$3 \cdot 30 = 90$

$9 \cdot 90 = 810$

$4 \cdot 40 = 160$

$5 \cdot 50 = 250$

$5 \cdot 80 = 400$

$5 \cdot 40 = 200$

$5 \cdot 30 = 150$

$5 \cdot 60 = 300$

$5 \cdot 70 = 350$

$6 \cdot 80 = 480$

$6 \cdot 40 = 240$

$4 \cdot 30 = 120$

$4 \cdot 60 = 240$

$4 \cdot 70 = 280$

$5 \cdot 50 = 250$

$5 \cdot 90 = 450$

$5 \cdot 20 = 100$

$5 \cdot 40 = 200$

$5 \cdot 30 = 150$

$6 \cdot 50 = 300$

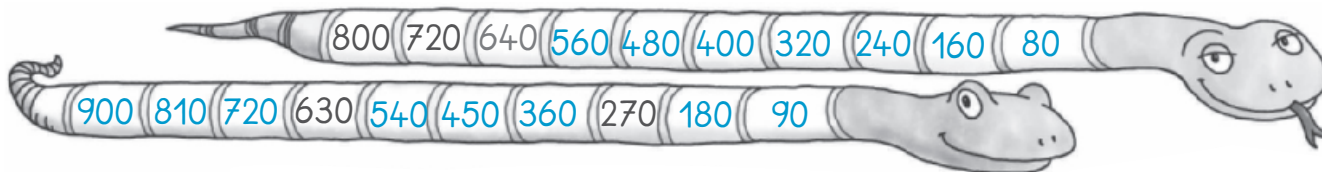
$4 \cdot 90 = 360$

$6 \cdot 20 = 120$

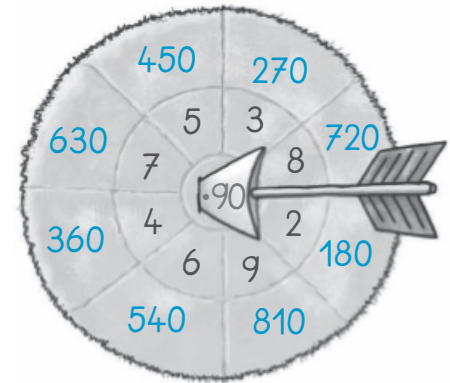
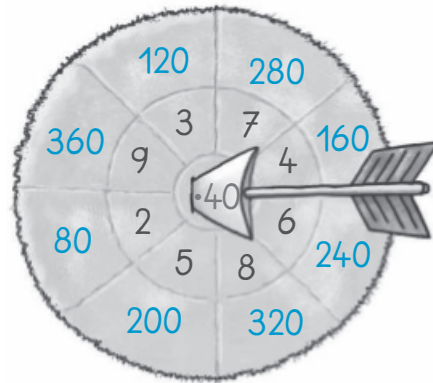
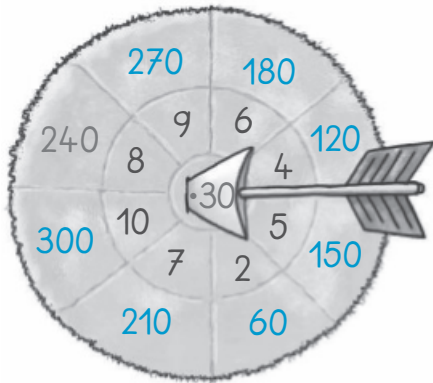
$4 \cdot 40 = 160$

$6 \cdot 30 = 180$

3



1



2



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



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



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



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

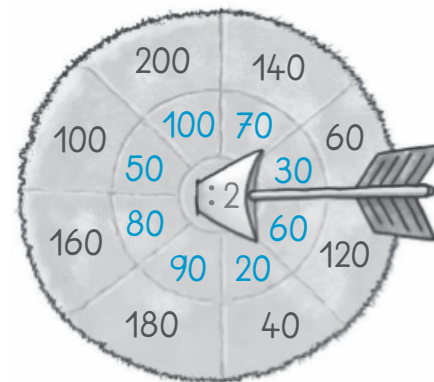
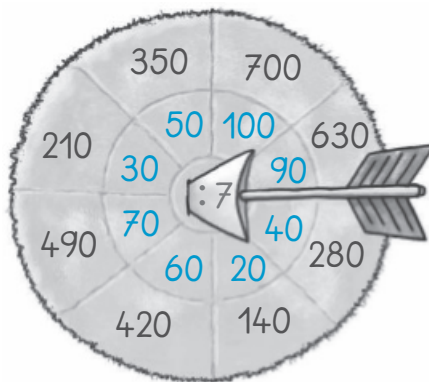
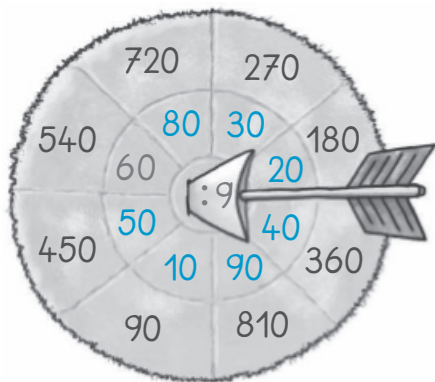


5	100
4	80
7	140
9	180
6	120
2	40
8	160
3	60
10	200



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

1



2



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



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



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



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



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



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



1

$$3 \cdot 85 = 255$$

$$3 \cdot 80 = 240$$

$$3 \cdot 5 = 15$$

$$5 \cdot 98 = 490$$

$$5 \cdot 90 = 450$$

$$5 \cdot 8 = 40$$

$$2 \cdot 27 = 54$$

$$2 \cdot 20 = 40$$

$$2 \cdot 7 = 14$$

$$3 \cdot 43 = 129$$

$$3 \cdot 40 = 120$$

$$3 \cdot 3 = 9$$

2

$$4 \cdot 46 = 184$$

$$4 \cdot 40 = 160$$

$$4 \cdot 6 = 24$$

$$3 \cdot 63 = 189$$

$$3 \cdot 60 = 180$$

$$3 \cdot 3 = 9$$

$$4 \cdot 79 = 316$$

$$4 \cdot 70 = 280$$

$$4 \cdot 9 = 36$$

$$5 \cdot 71 = 355$$

$$5 \cdot 70 = 350$$

$$5 \cdot 1 = 5$$

3

$$7 \cdot 42 = 294$$

$$7 \cdot 40 = 280$$

$$7 \cdot 2 = 14$$

$$6 \cdot 58 = 348$$

$$6 \cdot 50 = 300$$

$$6 \cdot 8 = 48$$

$$5 \cdot 36 = 180$$

$$5 \cdot 30 = 150$$

$$5 \cdot 6 = 30$$

$$6 \cdot 44 = 264$$

$$6 \cdot 40 = 240$$

$$6 \cdot 4 = 24$$

4

$$4 \cdot 238 = 952$$

$$4 \cdot 200 = 800$$

$$4 \cdot 30 = 120$$

$$4 \cdot 8 = 32$$

$$3 \cdot 269 = 807$$

$$3 \cdot 200 = 600$$

$$3 \cdot 60 = 180$$

$$3 \cdot 9 = 27$$

$$5 \cdot 156 = 780$$

$$5 \cdot 100 = 500$$

$$5 \cdot 50 = 250$$

$$5 \cdot 6 = 30$$

$$4 \cdot 127 = 508$$

$$4 \cdot 100 = 400$$

$$4 \cdot 20 = 80$$

$$4 \cdot 7 = 28$$



1	$69 : 3 = 23$	$88 : 8 = 11$	$55 : 5 = 11$	$39 : 3 = 13$
	$60 : 3 = 20$	$80 : 8 = 10$	$50 : 5 = 10$	$30 : 3 = 10$
	$9 : 3 = 3$	$8 : 8 = 1$	$5 : 5 = 1$	$9 : 3 = 3$

2	$75 : 5 = 15$	$72 : 4 = 18$	$72 : 6 = 12$	$96 : 8 = 12$
	$50 : 5 = 10$	$40 : 4 = 10$	$60 : 6 = 10$	$80 : 8 = 10$
	$25 : 5 = 5$	$32 : 4 = 8$	$12 : 6 = 2$	$16 : 8 = 2$

3	$91 : 7 = 13$	$52 : 4 = 13$	$84 : 6 = 14$	$84 : 7 = 12$
	$70 : 7 = 10$	$40 : 4 = 10$	$60 : 6 = 10$	$70 : 7 = 10$
	$21 : 7 = 3$	$12 : 4 = 3$	$24 : 6 = 4$	$14 : 7 = 2$

4	$228 : 2 = 114$	$696 : 6 = 116$	$452 : 4 = 113$	$585 : 5 = 117$	$348 : 3 = 116$
	$200 : 2 = 100$	$600 : 6 = 100$	$400 : 4 = 100$	$500 : 5 = 100$	$300 : 3 = 100$
	$20 : 2 = 10$	$60 : 6 = 10$	$40 : 4 = 10$	$50 : 5 = 10$	$30 : 3 = 10$
	$8 : 2 = 4$	$36 : 6 = 6$	$12 : 4 = 3$	$35 : 5 = 7$	$18 : 3 = 6$



Halbschriftliche Division

*Eigentlich $66 : 7 = 9 R 3$

1	$24 : 4 = 6 R 0$	$30 : 6 = 5 R 0$	$48 : 8 = 6 R 0$	$63 : 7 = 9 R 0$
	$25 : 4 = 6 R 1$	$31 : 6 = 5 R 1$	$50 : 8 = 6 R 2$	* $63 : 7 = 9 R 0$
	$26 : 4 = 6 R 2$	$32 : 6 = 5 R 2$	$52 : 8 = 6 R 4$	$69 : 7 = 9 R 6$

2	$50 : 5 = 10 R 0$	$30 : 3 = 10 R 0$	$40 : 4 = 10 R 0$	$60 : 6 = 10 R 0$
	$51 : 5 = 10 R 1$	$32 : 3 = 10 R 2$	$41 : 4 = 10 R 1$	$63 : 6 = 10 R 3$
	$52 : 5 = 10 R 2$	$34 : 3 = 11 R 1$	$42 : 4 = 10 R 2$	$66 : 6 = 11 R 0$
	$53 : 5 = 10 R 3$	$36 : 3 = 12 R 0$	$43 : 4 = 10 R 3$	$69 : 6 = 11 R 3$

3	$210 : 7 = 30 R 0$	$270 : 3 = 90 R 0$	$240 : 8 = 30 R 0$	$360 : 6 = 60 R 0$
	$211 : 7 = 30 R 1$	$272 : 3 = 90 R 2$	$244 : 8 = 30 R 4$	$362 : 6 = 60 R 2$
	$212 : 7 = 30 R 2$	$274 : 3 = 91 R 1$	$248 : 8 = 31 R 0$	$364 : 6 = 60 R 4$
	$213 : 7 = 30 R 3$	$276 : 3 = 92 R 0$	$252 : 8 = 31 R 4$	$366 : 6 = 61 R 0$

4





Ich überschlage
 $5 \cdot 40 = 200$
 Also $5 \cdot 42 > 200$




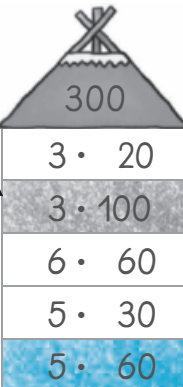
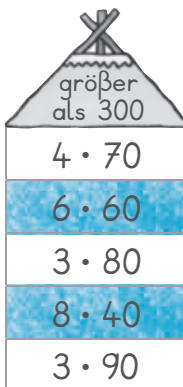
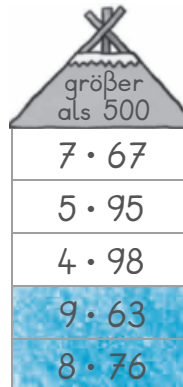
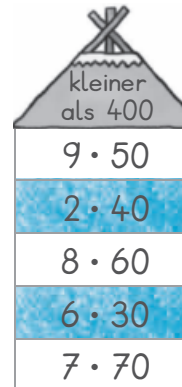
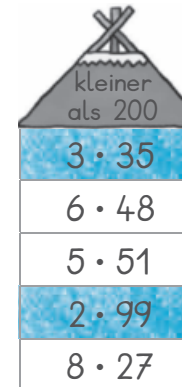
1 Größer, kleiner oder gleich?

$7 \cdot 50 > 300$	$9 \cdot 80 < 800$	$7 \cdot 30 > 200$	$6 \cdot 80 < 500$
$6 \cdot 40 < 300$	$5 \cdot 90 < 500$	$2 \cdot 50 = 100$	$9 \cdot 90 > 800$
$3 \cdot 20 < 100$	$8 \cdot 40 > 300$	$4 \cdot 20 < 100$	$7 \cdot 60 > 400$

2 Größer, kleiner oder gleich? Überschlage.

$5 \cdot 42 > 200$	$9 \cdot 36 > 270$	$2 \cdot 75 = 150$	$8 \cdot 81 > 640$
$6 \cdot 58 < 360$	$3 \cdot 99 < 300$	$8 \cdot 24 > 160$	$7 \cdot 48 < 350$
$7 \cdot 58 < 420$	$7 \cdot 83 > 560$	$6 \cdot 98 < 600$	$6 \cdot 62 > 360$

3 Male passend an.

  <p>300</p> <p>$3 \cdot 20$</p> <p>$3 \cdot 100$</p> <p>$6 \cdot 60$</p> <p>$5 \cdot 30$</p> <p>$5 \cdot 60$</p>	 <p>größer als 300</p> <p>$4 \cdot 70$</p> <p>$6 \cdot 60$</p> <p>$3 \cdot 80$</p> <p>$8 \cdot 40$</p> <p>$3 \cdot 90$</p>	 <p>größer als 500</p> <p>$7 \cdot 67$</p> <p>$5 \cdot 95$</p> <p>$4 \cdot 98$</p> <p>$9 \cdot 63$</p> <p>$8 \cdot 76$</p>	 <p>kleiner als 400</p> <p>$9 \cdot 50$</p> <p>$2 \cdot 40$</p> <p>$8 \cdot 60$</p> <p>$6 \cdot 30$</p> <p>$7 \cdot 70$</p>	 <p>kleiner als 200</p> <p>$3 \cdot 35$</p> <p>$6 \cdot 48$</p> <p>$5 \cdot 51$</p> <p>$2 \cdot 99$</p> <p>$8 \cdot 27$</p>
--	---	---	--	--

Größer, kleiner, gleich



1

$$\begin{array}{r} 233 \\ + 152 \\ \hline 385 \end{array}$$

$$\begin{array}{r} 319 \\ + 570 \\ \hline 889 \end{array}$$

$$\begin{array}{r} 428 \\ + 471 \\ \hline 899 \end{array}$$

$$\begin{array}{r} 572 \\ + 214 \\ \hline 786 \end{array}$$

$$\begin{array}{r} 357 \\ + 122 \\ \hline 479 \end{array}$$

$$\begin{array}{r} 104 \\ + 570 \\ \hline 674 \end{array}$$

2

$$\begin{array}{r} 359 \\ + 327 \\ \hline 686 \end{array}$$

$$\begin{array}{r} 275 \\ + 416 \\ \hline 691 \end{array}$$

$$\begin{array}{r} 456 \\ + 328 \\ \hline 784 \end{array}$$

$$\begin{array}{r} 167 \\ + 328 \\ \hline 495 \end{array}$$

$$\begin{array}{r} 446 \\ + 58 \\ \hline 504 \end{array}$$

$$\begin{array}{r} 708 \\ + 195 \\ \hline 903 \end{array}$$

3

$$\begin{array}{r} 279 \\ + 264 \\ \hline 543 \end{array}$$

$$\begin{array}{r} 568 \\ + 374 \\ \hline 942 \end{array}$$

$$\begin{array}{r} 245 \\ + 167 \\ \hline 412 \end{array}$$

$$\begin{array}{r} 356 \\ + 385 \\ \hline 741 \end{array}$$

$$\begin{array}{r} 548 \\ + 184 \\ \hline 732 \end{array}$$

$$\begin{array}{r} 257 \\ + 358 \\ \hline 615 \end{array}$$

4

$$\begin{array}{r} 851 \\ + 105 \\ \hline 956 \end{array}$$

$$\begin{array}{r} 272 \\ + 540 \\ \hline 812 \end{array}$$

$$\begin{array}{r} 549 \\ + 204 \\ \hline 753 \end{array}$$

$$\begin{array}{r} 338 \\ + 462 \\ \hline 800 \end{array}$$

$$\begin{array}{r} 253 \\ + 527 \\ \hline 780 \end{array}$$

$$\begin{array}{r} 298 \\ + 103 \\ \hline 401 \end{array}$$



1

	8	5	4
-	4	1	3
<hr/>			
	4	4	1

	4	6	8
-	1	3	3
<hr/>			
	3	3	5

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<hr/>			
	1	1	2

	3	9	7
-	2	4	6
<hr/>			
	1	5	1

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

2

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3

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	2	0	6

	5	0	5
-	3	2	5
<hr/>			
	1	8	0

	6	4	1
-	3	0	7
<hr/>			
	3	3	4

	6	2	5
-	4	3	9
<hr/>			
	1	8	6

Schriftliche Subtraktion









1 Größer, kleiner oder gleich? Überschlage.

$400 + 330 > 700$	$630 + 120 > 700$	$720 + 250 < 1000$	$630 + 210 > 800$
$590 + 110 = 700$	$110 + 760 > 800$	$350 + 130 < 500$	$490 + 160 < 700$
$330 + 479 < 1000$	$240 + 610 > 800$	$240 + 440 < 700$	$350 + 350 = 700$
$250 + 520 < 800$	$320 + 480 = 800$	$860 + 130 > 900$	$230 + 470 = 700$

2

$790 - 650 > 100$	$970 - 270 = 700$	$870 - 530 > 300$	$560 - 140 > 400$
$580 - 280 = 300$	$940 - 430 > 400$	$580 - 180 = 400$	$920 - 810 > 100$
$430 - 120 < 400$	$980 - 240 > 700$	$630 - 220 > 400$	$490 - 340 < 200$
$670 - 130 < 600$	$760 - 310 > 400$	$740 - 310 < 500$	$810 - 510 < 500$

3 Male passend an.

	 <p>500</p>	 <p>größer als 900</p>	 <p>kleiner als 700</p>	 <p>größer als 800</p>	 <p>kleiner als 600</p>																				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #cccccc;">$373 + 167$</td></tr> <tr><td style="background-color: #cccccc;">$297 + 203$</td></tr> <tr><td style="background-color: #cccccc;">$103 + 412$</td></tr> <tr><td style="background-color: #add8e6;">$376 + 124$</td></tr> </table>	$373 + 167$	$297 + 203$	$103 + 412$	$376 + 124$	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #add8e6;">$370 + 630$</td></tr> <tr><td style="background-color: #add8e6;">$290 + 560$</td></tr> <tr><td style="background-color: #add8e6;">$730 + 70$</td></tr> <tr><td style="background-color: #add8e6;">$650 + 310$</td></tr> </table>	$370 + 630$	$290 + 560$	$730 + 70$	$650 + 310$	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #add8e6;">$350 + 450$</td></tr> <tr><td style="background-color: #add8e6;">$260 + 430$</td></tr> <tr><td style="background-color: #add8e6;">$250 + 500$</td></tr> <tr><td style="background-color: #add8e6;">$370 + 370$</td></tr> </table>	$350 + 450$	$260 + 430$	$250 + 500$	$370 + 370$	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #add8e6;">$384 + 406$</td></tr> <tr><td style="background-color: #add8e6;">$405 + 392$</td></tr> <tr><td style="background-color: #add8e6;">$197 + 683$</td></tr> <tr><td style="background-color: #add8e6;">$538 + 263$</td></tr> </table>	$384 + 406$	$405 + 392$	$197 + 683$	$538 + 263$	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #add8e6;">$253 + 350$</td></tr> <tr><td style="background-color: #add8e6;">$379 + 230$</td></tr> <tr><td style="background-color: #add8e6;">$168 + 419$</td></tr> <tr><td style="background-color: #add8e6;">$246 + 364$</td></tr> </table>	$253 + 350$	$379 + 230$	$168 + 419$	$246 + 364$
$373 + 167$																									
$297 + 203$																									
$103 + 412$																									
$376 + 124$																									
$370 + 630$																									
$290 + 560$																									
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$350 + 450$																									
$260 + 430$																									
$250 + 500$																									
$370 + 370$																									
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$538 + 263$																									
$253 + 350$																									
$379 + 230$																									
$168 + 419$																									
$246 + 364$																									

Größer, kleiner, gleich



1

$400 + 300 = 700$	$300 + 700 = 1000$	$500 + 300 = 800$	$200 + 400 = 600$
$40 + 30 = 70$	$30 + 70 = 100$	$50 + 30 = 80$	$20 + 40 = 60$
$4 + 3 = 7$	$3 + 7 = 10$	$5 + 3 = 8$	$2 + 4 = 6$

$900 - 200 = 700$	$800 - 600 = 200$	$400 - 100 = 300$	$700 - 500 = 200$
$90 - 20 = 70$	$80 - 60 = 20$	$40 - 10 = 30$	$70 - 50 = 20$
$9 - 2 = 7$	$8 - 6 = 2$	$4 - 1 = 3$	$7 - 5 = 2$

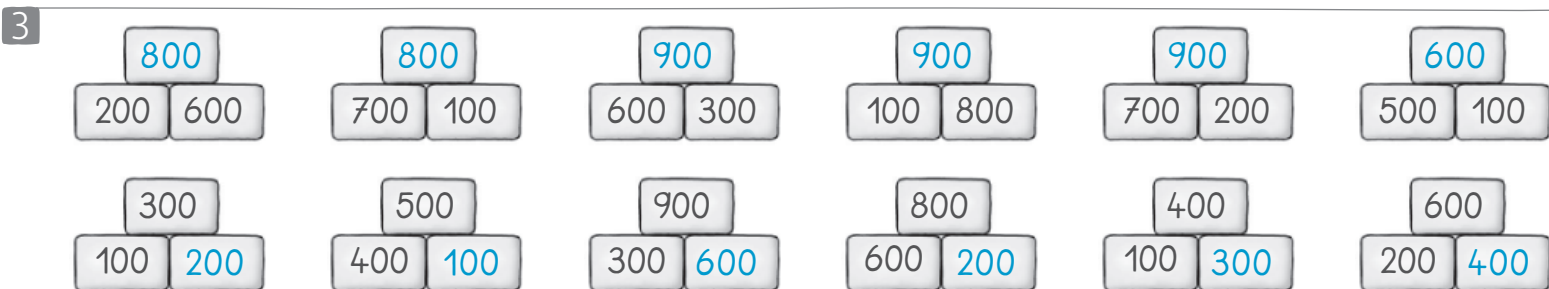
2

+	300	30	3
200	500	230	203
20	320	50	23
2	302	32	5

+	500	50	5
400	900	450	405
40	540	90	45
4	504	54	9

-	7	70	700
900	893	830	200
990	983	920	290
999	992	929	299

-	5	50	500
600	595	550	100
660	655	610	160
666	661	616	166



Ähnliche Aufgaben

1  $\equiv \dots$

T	H	Z	E
3	4	2	7

3 427

$$3\,427 = 3\,000 + 400 + 20 + 7$$

 $\equiv \dots$

T	H	Z	E
1	6	3	2

1 632

$$1\,632 = 1\,000 + 600 + 30 + 2$$

2  $\equiv \dots$

T	H	Z	E
3	4	1	6

3 416

$$3\,416 = 3\,000 + 400 + 10 + 6$$

 $\equiv \dots$

T	H	Z	E
6	3	3	8

6 338

$$6\,338 = 6\,000 + 300 + 30 + 8$$

3  $\equiv \dots$

T	H	Z	E
5	2	2	5

5 225

$$5\,225 = 5\,000 + 200 + 20 + 5$$

 $\equiv \dots$

T	H	Z	E
4	7	2	3

4 723

$$4\,723 = 4\,000 + 700 + 20 + 3$$

1

□	□	□	□	□	□	□
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≡	≡	≡	≡
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...

□	□	□	□
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□	□	□	□
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≡	≡	≡	≡
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.....

T	H	Z	E
7	0	5	3

7 053

7 053 = 7 000 + 0 + 50 + 3

T	H	Z	E
3	4	3	6

3 436

3 436 = 3 000 + 400 + 30 + 6

2

□	□	□	□
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•

T	H	Z	E
4	0	0	1

4 001

4 001 = 4 000 + 0 + 0 + 1

□	□	□
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□	□	□
---	---	---

.....

T	H	Z	E
3	3	0	7

3 307

3 307 = 3 000 + 300 + 0 + 7

3

□	□
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□	□	□	□
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.....

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□	□	□	□
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□	□	□	□
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≡	≡	≡	≡
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≡	≡	≡	≡
---	---	---	---

T	H	Z	E
2	4	1	8

2 418

2 418 = 2 000 + 400 + 10 + 8

T	H	Z	E
8	5	0	0

8 500

8 500 = 8 000 + 500 + 0 + 0

1

M	HT	ZT	T	H	Z	E
•••	••	••••• ••	•	••••• •••	•••••	••••• •••••
3	2	7	1	8	5	9

3 271 859

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

2

M	HT	ZT	T	H	Z	E
••	•••	••••• •	••••• •••	••••	••••• •••••	•••••
2	3	6	8	4	9	5

2 368 495

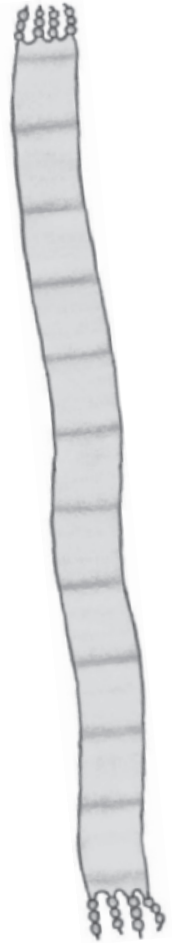
$$2\,368\,495 = 2\,000\,000 + 300\,000 + 60\,000 + 8\,000 + 400 + 90 + 5$$

3

M	HT	ZT	T	H	Z	E
•	•••••	••	•••••	•••	••••• •••	••••
1	5	2	5	3	8	4

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

2

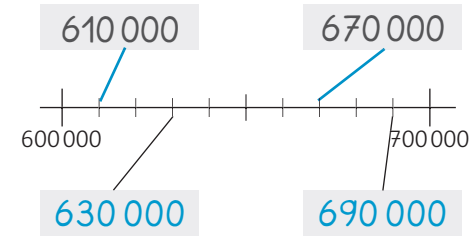
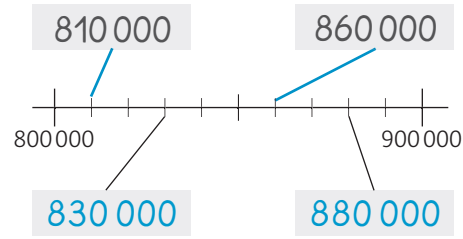
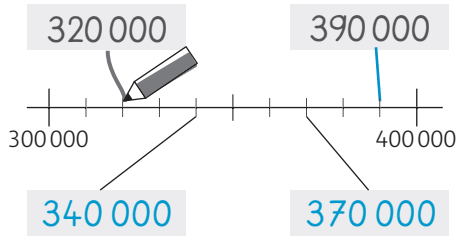
ZT	T	H	Z	E	
5	4	0	7	8	54078 = 50000 + 4000 + 70 + 8
	7	3	0	4	7304 = 7000 + 300 + 4
	5	9	7	6	5976 = 5000 + 900 + 70 + 6
8	8	0	6	3	88063 = 80000 + 8000 + 60 + 3
4	0	0	2	1	40021 = 40000 + 20 + 1

3

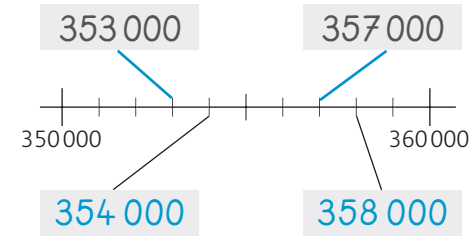
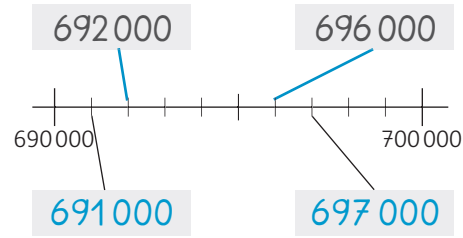
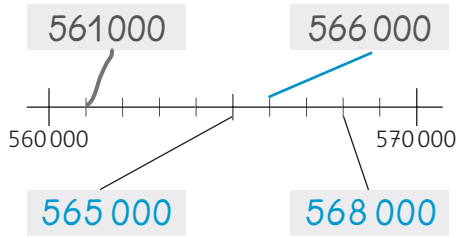
30000 + 5000 + 700 + 30 + 1
 20000 + 1000 + 500 + 90 + 2
 70000 + 400 + 20
 40000 + 3000 + 60 + 6
 20000 + 200 + 2

ZT	T	H	Z	E	
3	5	7	3	1	35731
2	1	5	9	2	21592
7	0	4	2	0	70420
4	3	0	6	6	43066
2	0	2	0	2	20202

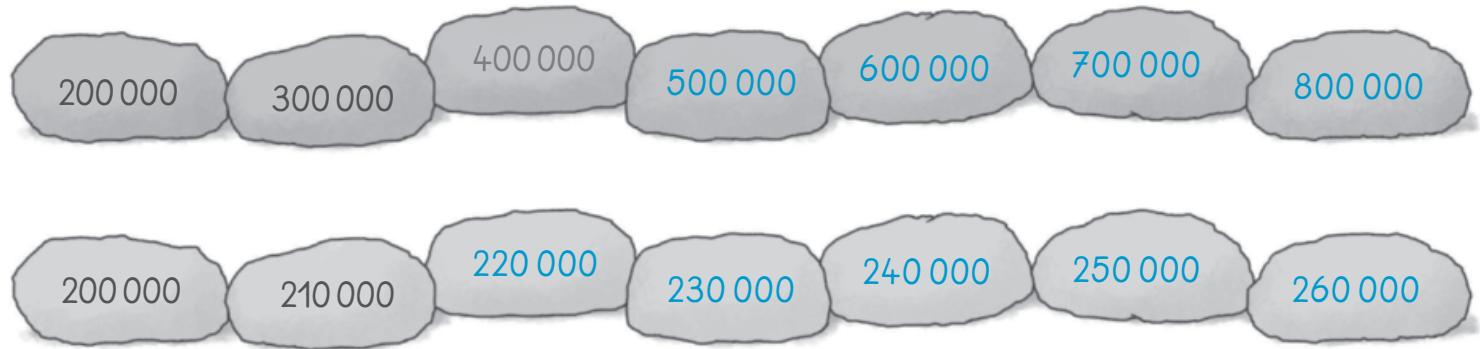
1



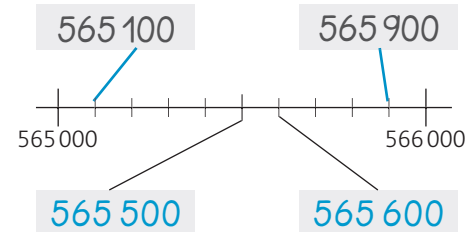
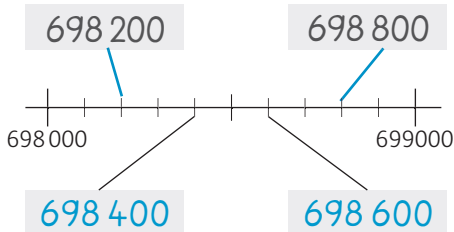
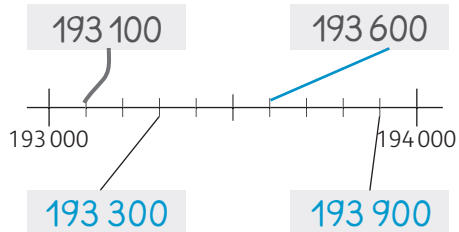
2



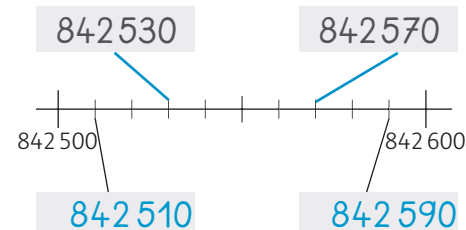
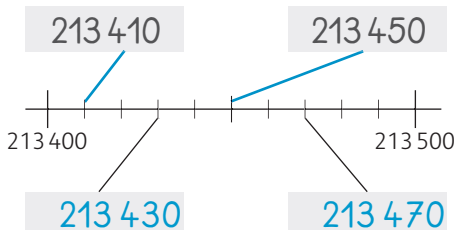
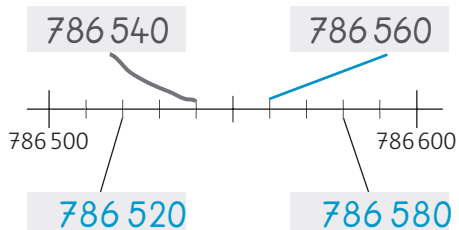
3



1



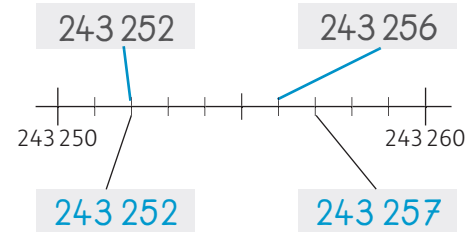
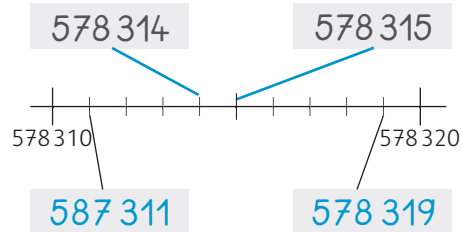
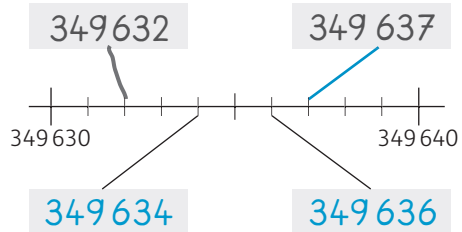
2



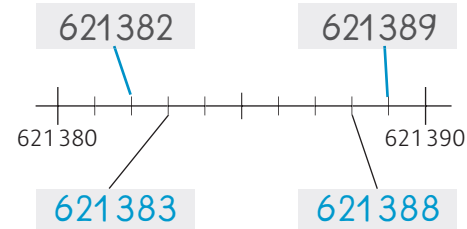
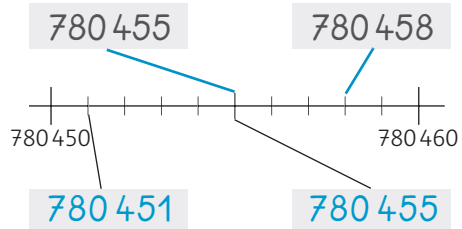
3



1



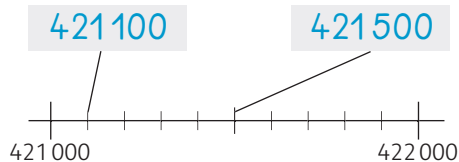
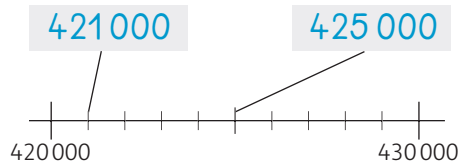
2



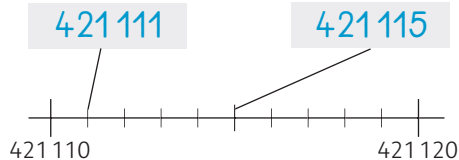
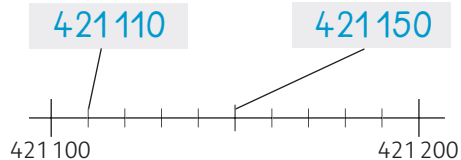
3



1



2



3

Größer oder kleiner?

$30\,002 < 30\,100$

$90\,099 > 80\,999$

$98\,765 < 876\,543$

$64\,100 > 63\,500$

$50\,800 < 50\,900$

$75\,554 > 71\,554$

$83\,907 > 82\,909$

$77\,800 > 37\,900$

$64\,000 < 66\,000$

$444\,443 > 44\,442$

$10\,101 < 110\,110$

$83\,210 > 83\,120$

$17\,400 > 17\,004$

$36\,000 < 63\,000$

$11\,111 > 11\,011$

$76\,010 > 75\,999$

4

$983\,667 < 993\,668$

$728\,953 < 738\,953$

$9978 < 394\,885$

$250\,569 < 350\,569$

$666\,334 > 555\,334$

$856\,826 > 85\,582$

$537\,641 > 437\,641$

$403\,472 < 503\,472$

$345\,678 < 3456\,780$

1

Vorgänger	Zahl	Nachfolger
341515	341516	341517
596961	596962	596963
91646	91647	91648
657122	657123	657124

Vorgänger	Zahl	Nachfolger
183284	183285	183286
239838	239839	239840
374499	374500	374501
524998	524999	525000

2

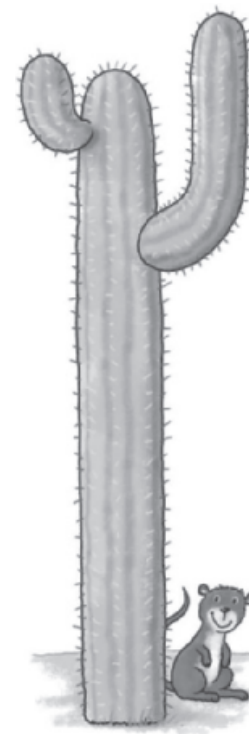
Nachbarzehner	Zahl	Nachbarzehner
862910	862918	862920
135320	135327	135330
426150	426158	426160
984070	984072	984080

Nachbarzehner	Zahl	Nachbarzehner
287560	287565	287570
676750	676754	676760
835660	835667	835670
772490	772499	772500

3

Nachbarhunderter	Zahl	Nachbarhunderter
492500	492571	492600
543600	543632	543700
341200	341267	341300
585800	585854	585900

Nachbarhunderter	Zahl	Nachbarhunderter
912200	912289	912300
354300	354328	354400
617900	617987	618000
298100	298136	298200



1

Nachbar-tausender	Zahl	Nachbar-tausender
315 000	315 471	316 000
657 000	657 123	658 000
133 000	133 761	134 000
260 000	260 349	261 000

Nachbar-tausender	Zahl	Nachbar-tausender
916 000	916 960	917 000
269 000	269 400	270 000
524 000	524 999	525 000
399 000	399 987	400 000

2

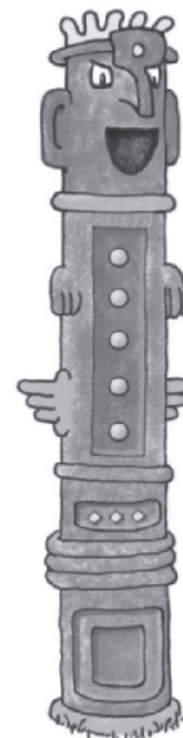
Nachbarzehn-tausender	Zahl	Nachbarzehn-tausender
420 000	426 158	430 000
980 000	984 072	990 000
760 000	761 512	770 000
890 000	892 130	900 000

Nachbarzehn-tausender	Zahl	Nachbarzehn-tausender
830 000	835 667	840 000
770 000	772 499	780 000
300 000	308 746	310 000
0	9 213	10 000

3

Nachbarhun-derttausender	Zahl	Nachbarhun-derttausender
300 000	341 263	400 000
500 000	585 854	600 000
600 000	650 203	700 000
900 000	987 465	1 000 000

Nachbarhun-derttausender	Zahl	Nachbarhun-derttausender
600 000	617 987	700 000
200 000	298 136	300 000
100 000	162 034	200 000
900 000	926 307	1 000 000



Nachbarzahlen

1

$2000 + 8000 = 10\,000$	$70\,000 + 30\,000 = 100\,000$	$800\,000 + 200\,000 = 1\,000\,000$
$5\,000 + 5000 = 10\,000$	$90\,000 + 10\,000 = 100\,000$	$300\,000 + 700\,000 = 1\,000\,000$
$3\,700 + 6300 = 10\,000$	$55\,000 + 45\,000 = 100\,000$	$710\,000 + 290\,000 = 1\,000\,000$
$4\,600 + 5400 = 10\,000$	$23\,000 + 77\,000 = 100\,000$	$960\,000 + 40\,000 = 1\,000\,000$

2

$10\,000 - 7\,000 = 3\,000$	$100\,000 - 54\,000 = 46\,000$	$1\,000\,000 - 730\,000 = 270\,000$
$10\,000 - 2\,200 = 7\,800$	$100\,000 - 38\,000 = 62\,000$	$1\,000\,000 - 90\,000 = 910\,000$
$10\,000 - 4\,400 = 5\,600$	$100\,000 - 67\,000 = 33\,000$	$1\,000\,000 - 540\,000 = 460\,000$
$10\,000 - 7\,900 = 2\,100$	$100\,000 - 83\,000 = 17\,000$	$1\,000\,000 - 370\,000 = 630\,000$

3

1000		10 000		100 000		1 000 000	
700	300	3 000	7 000	80 000	20 000	200 000	800 000
400	600	7 000	3 000	20 000	80 000	500 000	500 000
300	700	4 000	6 000	60 000	40 000	900 000	100 000
100	900	2 800	7 200	53 000	47 000	610 000	390 000
900	100	1 900	8 100	67 000	33 000	170 000	830 000
800	200	8 600	1 400	39 000	61 000	830 000	170 000

9000

9010

9020

9030

9040

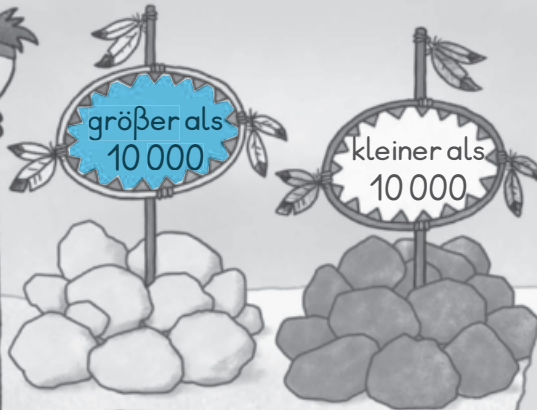
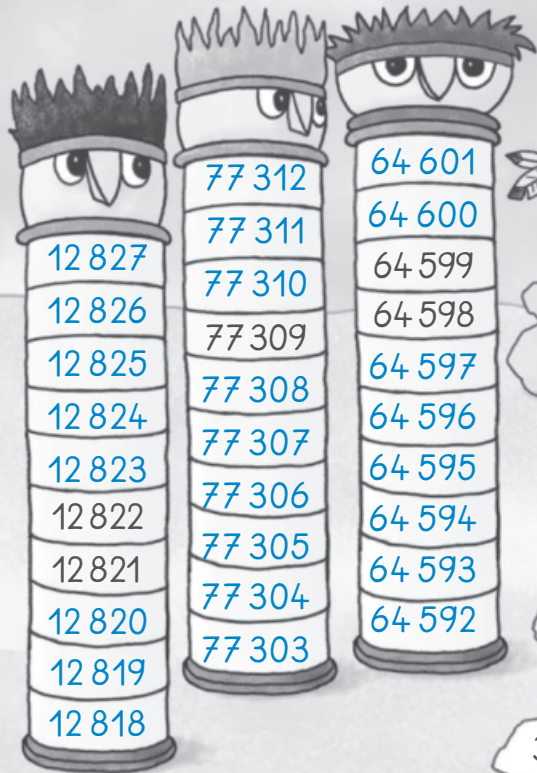
9050

9060

9070

9080

9090



Ordne der Größe nach.

HT	ZT	T	H	Z	E
		9	8	6	5
	8	3	5	6	9
1	3	9	7	6	8
3	4	7	5	0	3

83 569

9 865

139 768

347 503

10 100

10 200

10 300

10 400

10 500

10 600

10 700

10 800

10 900

11 000



1

$$250 + 750 = 1000$$

$$250\,000 + 750\,000 = 1\,000\,000$$

$$547 + 232 = 779$$

$$547\,000 + 232\,000 = 779\,000$$

$$440 + 320 = 760$$

$$440\,000 + 320\,000 = 760\,000$$

$$623 + 301 = 924$$

$$623\,000 + 301\,000 = 924\,000$$

Achte auf die Nullen.



2

$$330 - 110 = 220$$

$$330\,000 - 110\,000 = 220\,000$$

$$593 - 371 = 222$$

$$593\,000 - 371\,000 = 222\,000$$

$$870 - 850 = 20$$

$$870\,000 - 850\,000 = 20\,000$$

$$759 - 237 = 522$$

$$759\,000 - 237\,000 = 522\,000$$

Ähnliche Aufgaben

3

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

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

+	206	206 000
792	998	206 792
792 000	792 206	998 000

-	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



1

$250 + 3 = 253$	$820 + 7 = 827$	$567 + 8 = 575$	$348 + 6 = 354$
$2500 + 3 = 2503$	$8200 + 7 = 8207$	$4567 + 8 = 4575$	$5348 + 6 = 5354$
$25000 + 3 = 25003$	$82000 + 7 = 82007$	$34567 + 8 = 34575$	$725348 + 6 = 725354$

2

$539 - 2 = 537$	$624 - 5 = 619$	$580 - 8 = 572$	$710 - 4 = 706$
$8539 - 2 = 8537$	$9624 - 5 = 9619$	$5800 - 8 = 5792$	$7100 - 4 = 7096$
$298539 - 2 = 298537$	$819624 - 5 = 819619$	$58000 - 8 = 57992$	$71000 - 4 = 70996$

3

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

+	2	4
453	455	457
3453	3455	3457
873453	873455	873457

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

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

-	2	7
878	876	871
5878	5876	5871
635878	635876	635871

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

Ähnliche Aufgaben

**1**

	1	4	2
+	1	3	6
<hr/>			
	2	7	8

	3	7	5
+	4	1	3
<hr/>			
	7	8	8

	2	5	6
+	5	2	2
<hr/>			
	7	7	8

	7	5	0
+	1	6	9
<hr/>			
	9	1	9

	4	8	4
+	2	3	3
<hr/>			
	7	1	7

	5	0	9
+	2	8	4
<hr/>			
	7	9	3

2

	8	9	0
+	1	0	6
<hr/>			
	9	9	6

	3	3	4	2	1
+	4	5	2	1	8
<hr/>					
	7	8	6	3	9

	6	2	2	3	2
+	2	3	5	2	6
<hr/>					
	8	5	7	5	8

	5	6	6	4	5	2
+	3	0	1	2	8	7
<hr/>						
	8	6	7	7	3	9

	7	6	0	5	7	3
+	2	3	8	4	2	5
<hr/>						
	9	9	8	9	9	8

3

Rechne geschickt.

$673 + 299 = 972$

$481 + 399 = 880$

$524 + 499 = 1023$

$356 + 599 = 955$

$673 + 300 - 1 = 972$

$481 + 400 - 1 = 880$

$524 + 500 - 1 = 1023$

$356 + 600 - 1 = 955$

$543 + 199 = 742$

$394 + 299 = 693$

$259 + 399 = 658$

$507 + 199 = 706$

$543 + 200 - 1 = 742$

$394 + 300 - 1 = 693$

$259 + 400 - 1 = 658$

$507 + 200 - 1 = 706$

$531 + 399 = 930$

$754 + 199 = 953$

$612 + 299 = 911$

$649 + 299 = 948$

$378 + 599 = 977$

$263 + 699 = 962$

$727 + 199 = 926$

$496 + 499 = 995$

$267 + 699 = 966$

$138 + 799 = 937$

$465 + 499 = 964$

$187 + 599 = 786$



1

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

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

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

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

2

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

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

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

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

3

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

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

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

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

4

$364 + 298 = 662$

$681 + 198 = 879$

$526 + 397 = 923$

$653 + 297 = 950$

$364 + 300 - 2 = 662$

$681 + 200 - 2 = 879$

$526 + 400 - 3 = 923$

$653 + 300 - 3 = 950$

$561 + 298 = 859$

$656 + 198 = 854$

$312 + 297 = 609$

$369 + 297 = 666$

$368 + 598 = 966$

$177 + 398 = 575$

$626 + 197 = 823$

$293 + 497 = 790$

$236 + 398 = 634$

$168 + 698 = 866$

$235 + 697 = 932$

$186 + 597 = 783$



1

	3	5	4	8	5	3
+	2	9	7	6	5	7
<hr/>						
	6	5	2	5	1	0

	5	8	5	4	7	5
+	3	7	6	8	3	6
<hr/>						
	9	6	2	3	1	1

	6	5	5	6	7	8
+	1	6	7	3	8	2
<hr/>						
	8	2	3	0	6	0

	1	6	2	0	7	6
+	4	3	7	9	7	3
<hr/>						
	6	0	0	0	4	9

2

	5	0	8	6	4	1
+	1	9	7	5	8	9
<hr/>						
	7	0	6	2	3	0

	4	4	8	6	5	9
+	3	7	3	4	9	9
<hr/>						
	8	2	2	1	5	8

	2	4	8	3	8	5
+	3	5	7	9	7	8
<hr/>						
	6	0	6	3	6	3

	1	8	5	6	8	3
+	2	3	9	3	2	3
<hr/>						
	4	2	5	0	0	6

3

	2	8	6	5	3	8
+	6	4	7	5	9	5
<hr/>						
	9	3	4	1	3	3

	2	2	3	4	9	8
+	4	8	9	7	4	3
<hr/>						
	7	1	3	2	4	1

	7	8	5	7	6	9
+	2	3	6	7	8	2
<hr/>						
	1	0	2	2	5	1

	5	0	8	2	5	1
+	3	9	7	5	6	8
<hr/>						
	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		
+	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		
<hr/>																																	
	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		

1 Größer oder kleiner? Überschlage.

$234 + 527 < 800$

$55\,738 + 29\,542 > 80\,000$

$795\,875 + 197\,764 > 900\,000$

$651 + 238 > 800$

$78\,708 + 15\,237 > 90\,000$

$681\,876 + 286\,295 > 900\,000$

$314 + 531 > 800$

$413\,76 + 37\,921 < 80\,000$

$279\,193 + 352\,391 < 700\,000$

$162 + 623 > 700$

$23\,385 + 52\,601 < 80\,000$

$383\,457 + 543\,864 > 800\,000$

2

$180 + 699 < 320 + 599$

$230 + 599 > 260 + 499$

$170 + 499 > 240 + 299$

$440 + 399 < 680 + 299$

$520 + 299 < 770 + 199$

$330 + 199 = 230 + 299$

3 Welches Ergebnis stimmt? Überschlage. Kreuze an.

$376 + 416$
** Beide Lösungen sind falsch. Richtig: $376 + 416 = 792$*
 $462 + 239$

~~798~~

898

~~792~~

601

~~701~~

$517 + 362$

~~879~~

979

$5\,384 + 2\,419$

~~7\,803~~

8\,803

8\,417

~~9\,417~~

$5\,891 + 3\,526$

$6\,932 + 1\,089$

~~8\,021~~

7\,021

$2\,767 + 6\,803$

~~9\,570~~

8\,570

$13\,568 + 57\,396$

~~70\,964~~

60\,964

$37\,904 + 49\,671$

77\,575

~~87\,575~~



1

$$\begin{array}{r} 243 \\ + 315 \\ \hline 558 \end{array}$$

$$\begin{array}{r} 503 \\ + 123 \\ \hline 626 \end{array}$$

$$\begin{array}{r} 297 \\ + 403 \\ \hline 700 \end{array}$$

$$\begin{array}{r} 490 \\ + 218 \\ \hline 708 \end{array}$$

$$\begin{array}{r} 124 \\ + 441 \\ \hline 565 \end{array}$$

$$\begin{array}{r} 646 \\ + 224 \\ \hline 870 \end{array}$$

2

$$\begin{array}{r} 471 \\ + 182 \\ + 334 \\ \hline 987 \end{array}$$

$$\begin{array}{r} 162 \\ + 173 \\ + 512 \\ \hline 847 \end{array}$$

$$\begin{array}{r} 227 \\ + 216 \\ + 343 \\ \hline 786 \end{array}$$

$$\begin{array}{r} 305 \\ + 246 \\ + 342 \\ \hline 893 \end{array}$$

$$\begin{array}{r} 317 \\ + 104 \\ + 393 \\ \hline 814 \end{array}$$

$$\begin{array}{r} 134 \\ + 162 \\ + 511 \\ \hline 807 \end{array}$$

3

$$\begin{array}{r} 432 \\ + 175 \\ + 286 \\ \hline 893 \end{array}$$

$$\begin{array}{r} 572 \\ + 183 \\ + 165 \\ \hline 920 \end{array}$$

$$\begin{array}{r} 254 \\ + 376 \\ + 312 \\ \hline 942 \end{array}$$

$$\begin{array}{r} 383 \\ + 319 \\ + 274 \\ \hline 976 \end{array}$$

$$\begin{array}{r} 298 \\ + 396 \\ + 144 \\ \hline 838 \end{array}$$

$$\begin{array}{r} 835 \\ + 135 \\ + 175 \\ \hline 1145 \end{array}$$

4

$$\begin{array}{r} 3843 \\ + 3702 \\ + 2396 \\ \hline 9941 \end{array}$$

$$\begin{array}{r} 1250 \\ + 3869 \\ + 4734 \\ \hline 9853 \end{array}$$

$$\begin{array}{r} 3758 \\ + 1464 \\ + 3232 \\ \hline 8454 \end{array}$$

$$\begin{array}{r} 4935 \\ + 2073 \\ + 2146 \\ \hline 9154 \end{array}$$

$$\begin{array}{r} 2476 \\ + 3414 \\ + 5633 \\ \hline 11523 \end{array}$$



1

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

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

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

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

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

2

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

3

Fasse geschickt zusammen.

$$25 + 68 + 75 = 168$$

$$30 + 35 + 270 = 335$$

$$73 + 56 + 27 = 156$$

$$54 + 43 + 146 = 243$$

$$47 + 38 + 253 = 338$$

$$61 + 17 + 439 = 517$$

$$50 + 91 + 250 = 391$$

$$170 + 58 + 330 = 558$$

$$60 + 98 + 140 = 298$$

$$570 + 17 + 130 = 717$$

$$230 + 18 + 170 = 418$$

$$490 + 67 + 110 = 667$$

$$420 + 22 + 380 = 822$$

$$210 + 62 + 190 = 462$$

$$124 + 23 + 76 = 223$$

$$85 + 61 + 215 = 361$$

$$290 + 54 + 210 = 554$$

$$340 + 77 + 160 = 577$$

Schriftliche Addition



1

	8	7	9
-	2	6	7
	6	1	2

	5	9	7
-	3	8	5
	2	1	2

	7	7	8
-	4	6	6
	3	1	2

	5	3	4
-	2	1	1
	3	2	3

	8	5	6
-	6	0	2
	2	5	4

	6	6	1
-	4	1	9
	2	4	2

2

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

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

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

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

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

3

Rechne geschickt.

$964 - 699 = 265$

$636 - 499 = 137$

$842 - 799 = 43$

$597 - 399 = 198$

$964 - 700 + 1 = 265$

$636 - 500 + 1 = 137$

$842 - 800 + 1 = 43$

$597 - 400 + 1 = 198$

$852 - 599 = 253$

$514 - 299 = 215$

$732 - 399 = 333$

$931 - 299 = 632$

$852 - 600 + 1 = 253$

$514 - 300 + 1 = 215$

$732 - 400 + 1 = 333$

$931 - 300 + 1 = 632$

$814 - 699 = 115$

$953 - 799 = 154$

$422 - 299 = 123$

$546 - 399 = 147$

$681 - 499 = 182$

$397 - 199 = 198$

$735 - 599 = 136$

$278 - 199 = 79$

$576 - 199 = 377$

$623 - 399 = 224$

$428 - 199 = 229$

$956 - 799 = 157$



1

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

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

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

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

2

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

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

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

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

3

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

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

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

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

4

$946 - 498 = 448$

$834 - 698 = 136$

$862 - 697 = 165$

$597 - 397 = 200$

$946 - 500 + 2 = 448$

$834 - 700 + 2 = 136$

$862 - 700 + 3 = 165$

$597 - 400 + 3 = 200$

$816 - 498 = 318$

$953 - 798 = 155$

$622 - 297 = 325$

$564 - 397 = 167$

$481 - 298 = 183$

$397 - 198 = 199$

$735 - 597 = 138$

$778 - 197 = 581$

$574 - 198 = 376$

$423 - 398 = 25$

$628 - 197 = 431$

$954 - 697 = 257$

Schriftliche Subtraktion



1

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

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

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

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

2

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

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

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

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

3

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

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

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

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

4

$$\begin{array}{r} 8537695420887143257643117245678 \\ - 3959896681988354509870439657937 \\ \hline 4577798738898788747772677587741 \end{array}$$

5

76 483 76 493 76 503 76 513 76 523 76 533 76 543



1 Rechne geschickt.

$$7003 - 6999 = 4$$

$$6999 + 4 = 7003$$

$$5007 - 4999 = 8$$

$$4999 + 8 = 5007$$

$$3004 - 2999 = 5$$

$$2999 + 5 = 3004$$

$$8100 - 7800 = 300$$

$$7800 + 300 = 8100$$

$$2300 - 1500 = 800$$

$$1500 + 800 = 2300$$

$$7400 - 6900 = 500$$

$$6900 + 500 = 7400$$

$$45500 - 37000 = 8500$$

$$37000 + 8500 = 45500$$

$$93000 - 85000 = 8000$$

$$85000 + 8000 = 93000$$

$$84000 - 76000 = 8000$$

$$76000 + 8000 = 84000$$

2

$$\begin{array}{r} 8002 \\ 7999 \quad 3 \end{array}$$

$$\begin{array}{r} 9005 \\ 8998 \quad 7 \end{array}$$

$$\begin{array}{r} 5300 \\ 4700 \quad 600 \end{array}$$

$$\begin{array}{r} 6600 \\ 5800 \quad 800 \end{array}$$

$$\begin{array}{r} 7400 \\ 6100 \quad 1300 \end{array}$$

$$\begin{array}{r} 6011 \\ 5999 \quad 12 \end{array}$$

$$\begin{array}{r} 5998 \\ 4013 \quad 1985 \end{array}$$

$$\begin{array}{r} 2004 \\ 1800 \quad 204 \end{array}$$

$$\begin{array}{r} 3014 \\ 2700 \quad 314 \end{array}$$

$$\begin{array}{r} 5301 \\ 4500 \quad 801 \end{array}$$

$$\begin{array}{r} 6100 \\ 5999 \quad 101 \end{array}$$

$$\begin{array}{r} 7200 \\ 6998 \quad 202 \end{array}$$

$$\begin{array}{r} 4030 \\ 3900 \quad 130 \end{array}$$

$$\begin{array}{r} 9004 \\ 8980 \quad 24 \end{array}$$

$$\begin{array}{r} 8010 \\ 7900 \quad 110 \end{array}$$

Ergänzen



1

$$567 + 500 = 1067$$

$$467 + 600 = 1067$$

$$367 + 700 = 1067$$

$$267 + 800 = 1067$$

$$167 + 900 = 1067$$

$$509 + 201 = 710$$

$$509 + 200 = 709$$

$$509 + 199 = 708$$

$$509 + 198 = 707$$

$$509 + 197 = 706$$

$$84\,000 + 1\,000 = 85\,000$$

$$84\,250 + 750 = 85\,000$$

$$84\,500 + 500 = 85\,000$$

$$84\,750 + 250 = 85\,000$$

$$85\,000 + 0 = 85\,000$$

2

$$1000 - 500 = 500$$

$$900 - 400 = 500$$

$$800 - 300 = 500$$

$$700 - 200 = 500$$

$$600 - 100 = 500$$

$$867 - 501 = 366$$

$$867 - 500 = 367$$

$$867 - 499 = 368$$

$$867 - 498 = 369$$

$$867 - 497 = 370$$

$$237\,563 - 100 = 237\,463$$

$$237\,663 - 200 = 237\,463$$

$$237\,763 - 300 = 237\,463$$

$$237\,863 - 400 = 237\,463$$

$$237\,963 - 500 = 237\,463$$

3

1000	
100	900
300	700
500	500
700	300
600	400

10 000	
9000	1000
8000	2000
7000	3000
6000	4000
4000	6000

100 000	
20 000	80 000
40 000	60 000
60 000	40 000
80 000	20 000
100 000	0

75 000	
74 800	200
74 600	400
74 400	600
74 200	800
74 000	1000

99 500	
99 300	200
99 200	300
99 100	400
99 000	500
98 900	600

Aufgaben verändern

1 Rechne geschickt.

$$340\,975 + 3\,999 = 344\,974$$

$$340\,975 + 4\,000 - 1 = 344\,974$$

$$432\,585 + 29\,998 = 462\,583$$

$$* 432\,858 + 30\,000 - 2 = 462\,856$$

$$645\,939 + 299\,997 = 945\,936$$

$$* 645\,939 + 300\,000 - 3 = 945\,936$$

* Die Hilfsaufgabe ist falsch.

Richtig: $432\,585 + 30\,000 - 2 = 462\,583$

$$817\,554 - 4\,999 = 812\,555$$

$$817\,554 - 5\,000 + 1 = 812\,555$$

$$449\,358 - 29\,998 = 419\,360$$

$$449\,358 - 30\,000 + 2 = 419\,360$$

$$587\,746 - 199\,997 = 387\,749$$

$$587\,746 - 200\,000 + 3 = 387\,749$$



2

+	499	199	399
153	652	352	552
3175	3674	3374	3574
78492	78991	78691	78891
268264	268763	268463	268663

+	299999	199999	399999
128964	428963	328963	528963
568263	868262	768262	968262
326547	626546	526546	726546

-	199	499	299
824	625	325	525
9781	9582	9282	9482
69525	69326	69026	69226
167957	167758	167458	167658

-	499999	299999	699999
824894	324895	524895	124895
741386	241387	441387	41387
986543	486544	686544	286544



1 Größer oder kleiner? Überschlage.

- | | | | |
|-------------------|-------------------|-------------------|-------------------|
| $875 - 258 > 600$ | $593 - 356 > 200$ | $947 - 672 < 300$ | $854 - 721 > 100$ |
| $981 - 726 > 200$ | $832 - 439 < 400$ | $776 - 561 > 200$ | $426 - 298 > 100$ |
| $625 - 492 < 200$ | $314 - 144 < 200$ | $681 - 397 < 300$ | $773 - 251 > 500$ |
| $434 - 237 < 200$ | $542 - 325 > 200$ | $569 - 376 < 200$ | $386 - 204 > 100$ |

- 2**
- | | | |
|-------------------------|-------------------------|-------------------------|
| $560 - 299 < 860 - 399$ | $420 - 399 < 730 - 599$ | $930 - 699 > 480 - 299$ |
| $280 - 199 < 340 - 199$ | $870 - 799 > 930 - 899$ | $650 - 499 = 550 - 399$ |

3 Welches Ergebnis stimmt? Überschlage. Kreuze an.

- | | | | | | |
|-------------|---|---------------|---|-----------------|---|
| $925 - 235$ | <input type="radio"/> 790
<input checked="" type="radio"/> 690 | $9856 - 8730$ | <input checked="" type="radio"/> 1126
<input type="radio"/> 2126 | $8313 - 2684$ | <input checked="" type="radio"/> 5629
<input type="radio"/> 6629 |
| $687 - 489$ | <input checked="" type="radio"/> 198
<input type="radio"/> 98 | $7925 - 5961$ | <input type="radio"/> 2964
<input checked="" type="radio"/> 1964 | $28472 - 14968$ | <input type="radio"/> 14504
<input checked="" type="radio"/> 13504 |
| $563 - 376$ | <input type="radio"/> 287
<input checked="" type="radio"/> 187 | $6437 - 3508$ | <input checked="" type="radio"/> 2929
<input type="radio"/> 3929 | $69828 - 43405$ | <input checked="" type="radio"/> 26423
<input type="radio"/> 36423 |

Überschlagen (=)



1 Richtig oder falsch? Kreuze an. Prüfe durch Rechnen der Umkehraufgabe.

$$459378 - 228259 = 231109$$

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

richtig
 falsch

$$857635 - 443750 = 413885$$

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

richtig
 falsch

$$731828 - 227514 = 503314$$

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

richtig
 falsch

$$924543 - 539631 = 385912$$

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

richtig
 falsch

$$682759 - 468929 = 213830$$

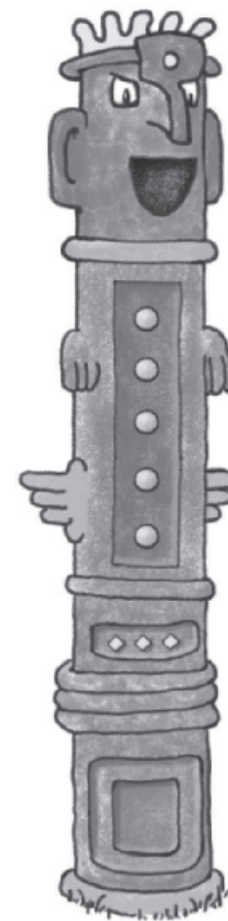
	4	6	8	9	2	9
+	2	1	3	8	3	0
	6	8	2	7	5	9

richtig
 falsch

$$596174 - 152867 = 443107$$

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

richtig
 falsch



Aufgaben prüfen



1 Fasse geschickt zusammen.

$$30 + 86 + 70 = 186$$

$$20 + 25 + 80 = 125$$

$$10 + 53 + 90 = 153$$

$$40 + 68 + 60 = 168$$

$$3060 + 12 + 40 = 3112$$

$$8270 + 24 + 30 = 8324$$

$$6490 + 91 + 10 = 6591$$

$$1580 + 87 + 20 = 1687$$

$$4225 + 86 + 75 = 4386$$

$$3315 + 26 + 85 = 3426$$

$$7365 + 76 + 35 = 7476$$

$$5305 + 49 + 95 = 5449$$

2

$$378 + 66 - 78 = 366$$

$$421 + 98 - 21 = 498$$

$$875 + 53 - 75 = 853$$

$$784 + 37 - 84 = 737$$

$$8694 + 25 - 94 = 8625$$

$$6263 + 48 - 63 = 6248$$

$$2596 + 71 - 96 = 2571$$

$$7427 + 56 - 27 = 7456$$

$$6357 + 102 - 57 = 6402$$

$$8468 + 302 - 68 = 8702$$

$$4424 + 402 - 24 = 4802$$

$$6181 + 702 - 81 = 6802$$

3

$$271 - 87 + 16 = 200$$

$$356 - 77 + 21 = 300$$

$$432 - 85 + 63 = 410$$

$$783 - 45 + 7 = 745$$

$$6923 - 66 + 57 = 6914$$

$$4835 - 73 + 35 = 4797$$

$$5328 - 89 + 62 = 5301$$

$$7619 - 50 + 81 = 7650$$

$$2160 - 500 + 340 = 2000$$

$$5210 - 450 + 290 = 5050$$

$$6040 - 50 + 460 = 6450$$

$$1270 - 95 + 330 = 1505$$

4

$$321 - 75 - 25 = 221$$

$$548 - 43 - 57 = 448$$

$$617 - 27 - 73 = 517$$

$$5496 - 19 - 81 = 5396$$

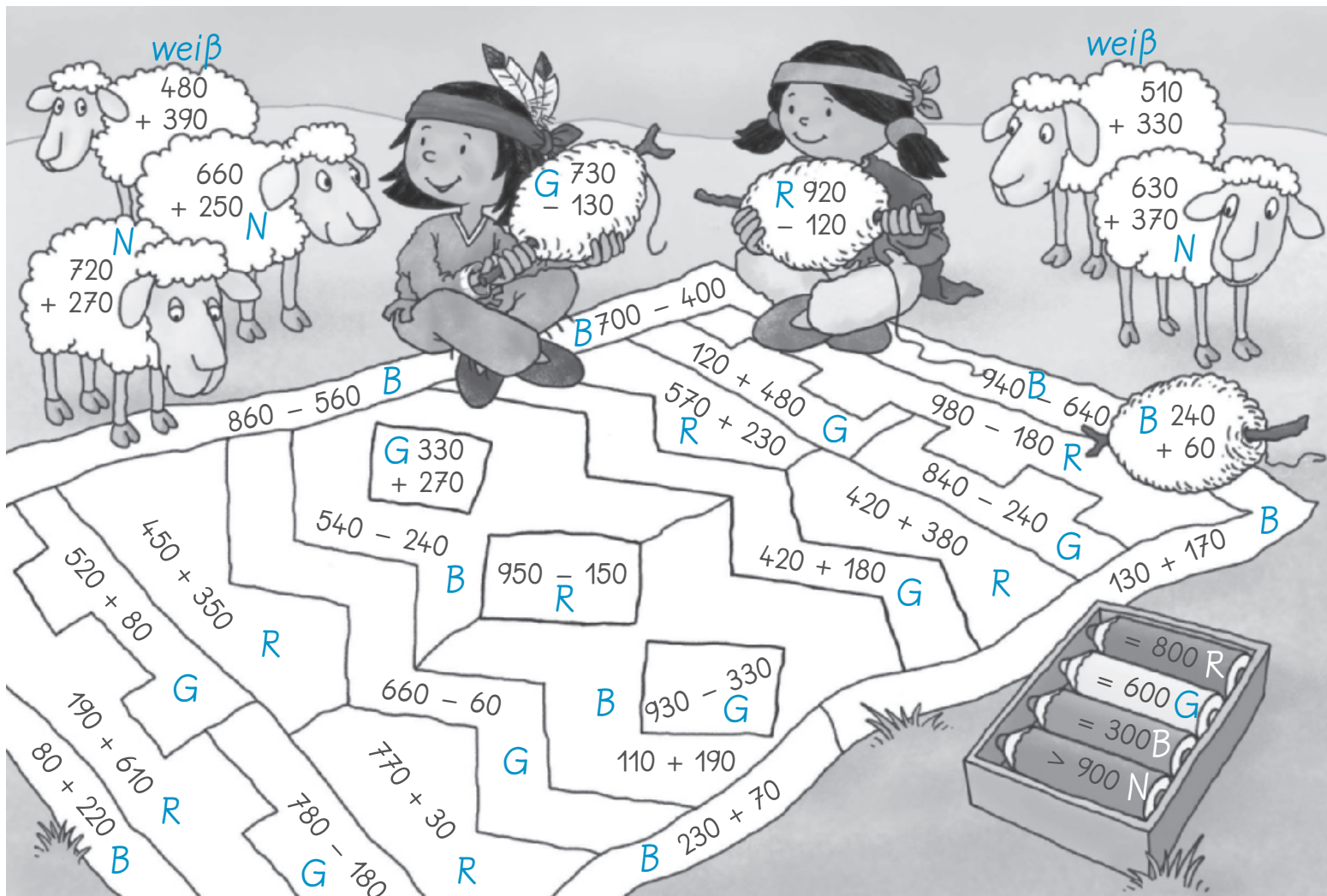
$$2864 - 86 - 14 = 2764$$

$$4173 - 31 - 69 = 4073$$

$$3735 - 600 - 400 = 2735$$

$$7834 - 250 - 750 = 6834$$

$$4262 - 550 - 450 = 3262$$





1

$5 \cdot 4 = 20$	$6 \cdot 3 = 18$	$9 \cdot 7 = 63$	$8 \cdot 6 = 48$	$9 \cdot 6 = 54$
$5 \cdot 40 = 200$	$6 \cdot 30 = 180$	$9 \cdot 70 = 630$	$8 \cdot 60 = 480$	$9 \cdot 60 = 540$
$5 \cdot 400 = 2000$	$6 \cdot 300 = 1800$	$9 \cdot 700 = 6300$	$8 \cdot 600 = 4800$	$9 \cdot 600 = 5400$
$2 \cdot 3 = 6$	$4 \cdot 6 = 24$	$7 \cdot 8 = 56$	$5 \cdot 9 = 45$	$6 \cdot 7 = 42$
$2 \cdot 30 = 60$	$4 \cdot 60 = 240$	$7 \cdot 80 = 560$	$5 \cdot 90 = 450$	$6 \cdot 70 = 420$
$2 \cdot 300 = 600$	$4 \cdot 600 = 2400$	$7 \cdot 800 = 5600$	$5 \cdot 900 = 4500$	$6 \cdot 700 = 4200$
$4 \cdot 2 = 8$	$8 \cdot 9 = 72$	$3 \cdot 5 = 15$	$6 \cdot 5 = 30$	$8 \cdot 4 = 32$
$4 \cdot 20 = 80$	$8 \cdot 90 = 720$	$3 \cdot 50 = 150$	$6 \cdot 50 = 300$	$8 \cdot 40 = 320$
$4 \cdot 200 = 800$	$8 \cdot 900 = 7200$	$3 \cdot 500 = 1500$	$6 \cdot 500 = 3000$	$8 \cdot 400 = 3200$

Ähnliche Aufgaben (•)

2

•	9	90
2	18	180
20	180	1800
200	1800	18000

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

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

•	5	50
7	35	350
70	350	3500
700	3500	35000

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

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



1

$24 : 6 = 4$	$36 : 4 = 9$	$40 : 5 = 8$	$80 : 8 = 10$	$81 : 9 = 9$
$240 : 6 = 40$	$360 : 4 = 90$	$400 : 5 = 80$	$800 : 8 = 100$	$810 : 9 = 90$
$2400 : 6 = 400$	$3600 : 4 = 900$	$4000 : 5 = 800$	$8000 : 8 = 1000$	$8100 : 9 = 900$

$21 : 3 = 7$	$45 : 9 = 5$	$28 : 7 = 4$	$35 : 5 = 7$	$64 : 8 = 8$
$210 : 3 = 70$	$450 : 9 = 50$	$280 : 7 = 40$	$350 : 5 = 70$	$640 : 8 = 80$
$2100 : 3 = 700$	$4500 : 9 = 500$	$2800 : 7 = 400$	$3500 : 5 = 700$	$6400 : 8 = 800$

$18 : 6 = 3$	$20 : 4 = 5$	$12 : 3 = 4$	$16 : 2 = 8$	$42 : 7 = 6$
$180 : 6 = 30$	$200 : 4 = 50$	$120 : 3 = 40$	$160 : 2 = 80$	$420 : 7 = 60$
$1800 : 6 = 300$	$2000 : 4 = 500$	$1200 : 3 = 400$	$1600 : 2 = 800$	$4200 : 7 = 600$

2

:	7	70
3 500	500	50
35 000	5 000	500
350 000	50 000	5 000

:	4	40	400
2 800	700	70	7
28 000	7 000	700	70
280 000	70 000	7 000	700

:	7	70	700
6 300	900	90	9
63 000	9 000	900	90
630 000	90 000	9 000	900

:	5	50
4 500	900	90
45 000	9 000	900
450 000	90 000	9 000

:	8	80	800
1 600	200	20	2
16 000	2 000	200	20
160 000	20 000	2 000	200

:	9	90	900
7 200	800	80	8
72 000	8 000	800	80
720 000	80 000	8 000	800

Ähnliche Aufgaben (•)



1 Rechne geschickt im Kopf.

$2 \cdot 70 = 140$

$2 \cdot 50 = 100$

$2 \cdot 80 = 160$

$2 \cdot 30 = 60$

$2 \cdot 90 = 180$

$4 \cdot 70 = 280$

$4 \cdot 50 = 200$

$4 \cdot 80 = 320$

$4 \cdot 30 = 120$

$4 \cdot 90 = 360$

$8 \cdot 70 = 560$

$8 \cdot 50 = 400$

$8 \cdot 80 = 640$

$8 \cdot 30 = 240$

$8 \cdot 90 = 720$

$3 \cdot 20 = 60$

$5 \cdot 20 = 100$

$7 \cdot 20 = 140$

$9 \cdot 20 = 180$

$4 \cdot 20 = 80$

$3 \cdot 40 = 120$

$5 \cdot 40 = 200$

$7 \cdot 40 = 280$

$9 \cdot 40 = 360$

$4 \cdot 40 = 160$

$3 \cdot 80 = 240$

$5 \cdot 80 = 400$

$7 \cdot 80 = 560$

$9 \cdot 80 = 720$

$4 \cdot 80 = 320$

2

 $3200 \cdot 5 = 16000$

$4600 \cdot 5 = 23000$

$8400 \cdot 5 = 42000$

$3200 \cdot 10 : 2 = 16000$

$4600 \cdot 10 : 2 = 23000$

$8400 \cdot 10 : 2 = 42000$

3

·	2	4	6	8
50	100	200	300	400
90	180	360	540	720
40	80	160	240	320
30	60	120	180	240
20	40	80	120	160
100	200	400	600	800

·	2	4	8	10
70	140	280	560	700
30	60	120	240	300
10	20	40	80	100
60	120	240	480	600
50	100	200	400	500
80	160	320	640	800

·	3	6	9
70	210	420	630
30	90	180	270
20	60	120	180
60	180	360	540
50	150	300	450
90	270	540	810

1 Rechne geschickt.

$49 \cdot 5 = 245$ $39 \cdot 3 = 117$ $69 \cdot 8 = 552$ $29 \cdot 6 = 174$ $19 \cdot 7 = 133$ $59 \cdot 4 = 236$

$50 \cdot 5 = 250$ $40 \cdot 3 = 120$ $70 \cdot 8 = 560$ $30 \cdot 6 = 180$ $20 \cdot 7 = 140$ $60 \cdot 4 = 240$

$1 \cdot 5 = 5$ $1 \cdot 3 = 3$ $1 \cdot 8 = 8$ $1 \cdot 6 = 6$ $1 \cdot 7 = 7$ $1 \cdot 4 = 4$

$399 \cdot 4 = 1596$ $599 \cdot 2 = 1198$ $299 \cdot 6 = 1794$ $899 \cdot 5 = 4495$

$400 \cdot 4 = 1600$ $600 \cdot 2 = 1200$ $300 \cdot 6 = 1800$ $900 \cdot 5 = 4500$

$1 \cdot 4 = 4$ $1 \cdot 2 = 2$ $1 \cdot 6 = 6$ $1 \cdot 5 = 5$

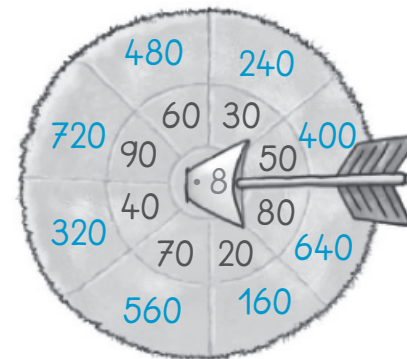
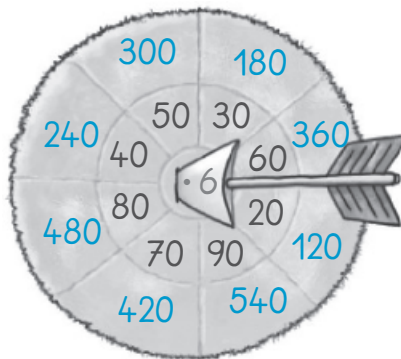
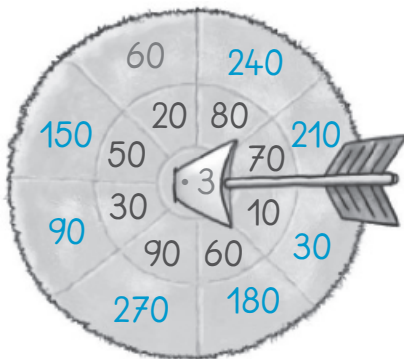
2

 $399 \cdot 3 = 1197$ $599 \cdot 6 = 3594$ $799 \cdot 8 = 6392$ $299 \cdot 4 = 1196$

$400 \cdot 3 - 3 = 1197$ $600 \cdot 6 - 6 = 3594$ $800 \cdot 8 - 8 = 6392$ $*500 \cdot 4 - 4 = 1996$

** Die Hilfsaufgabe ist falsch.
Richtig: $300 \cdot 4 - 4 = 1196$*

3



Ergänzen



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

H	Z	E		
2	9	4	·	3
		8	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

H	Z	E		
2	9	4	·	5
	1	4	7	0

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

H	Z	E		
2	9	4	·	6
	1	7	6	4

2

1	2	1	·	7
		8	4	7

3	1	2	·	5
	1	5	6	0

7	2	9	·	9
	6	5	6	1

3	6	4	·	9
	3	2	7	6

8	8	8	·	8
	7	1	0	4

2	9	4	·	7
	2	0	5	8

2	1	1	·	9
	1	8	9	9

6	7	4	·	8
	5	3	9	2

6	1	7	·	6
	3	7	0	2

7	8	6	·	3
	2	3	5	8

7	7	7	·	7
	5	4	3	9

2	9	4	·	9
	2	6	4	6



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

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

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

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



Schriftliche Multiplikation



1

H	Z	E			
3	6	4	•	5	0
	1	8	2	0	
					0
<hr/>					
	1	8	2	0	0

H	Z	E			
6	6	4	•	4	0
	2	6	5	6	
					0
<hr/>					
	2	6	5	6	0

H	Z	E			
4	7	2	•	7	0
	3	3	0	4	
					0
<hr/>					
	3	3	0	4	0

H	Z	E			
5	7	2	•	9	0
	5	1	4	8	
					0
<hr/>					
	5	1	4	8	0

H	Z	E			
3	0	1	•	6	0
	1	8	0	6	
					0
<hr/>					
	1	8	0	6	0

2

H	Z	E			
2	5	9	•	8	0
	2	0	7	2	
					0
<hr/>					
	2	0	7	2	0

H	Z	E				
8	3	2	•	7	0	0
	5	8	2	4		
					0	
						0
<hr/>						
	5	8	2	4	0	0

H	Z	E				
5	8	3	•	5	0	0
	2	9	1	5		
					0	
						0
<hr/>						
	2	9	1	5	0	0

H	Z	E					
3	4	1	•	2	0	0	
		6	8	2			
						0	
							0
<hr/>							
		6	8	2	0	0	

3

H	Z	E			
9	4	6	•	3	0
	2	8	3	8	
					0
<hr/>					
	2	8	3	8	0

H	Z	E				
2	5	8	•	8	0	0
	2	0	6	4		
					0	
						0
<hr/>						
	2	0	6	4	0	0

H	Z	E				
7	9	5	•	6	0	0
	4	7	7	0		
					0	
						0
<hr/>						
	4	7	7	0	0	0

H	Z	E					
8	3	9	•	3	0	0	
	2	5	1	7			
						0	
							0
<hr/>							
	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
	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

3	7	.	4	3
	1	4	8	
		1	1	1
	1	5	9	1

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	6	3	2

5	3	.	9	5
	4	7	7	
		2	6	5
	5	0	3	5

2	7	.	4	6
	1	0	8	
		1	6	2
	1	2	4	2

4	5	.	6	8
	2	7	0	
		3	6	0
	3	0	6	0

6	9	.	7	8
	4	8	3	
		5	5	2
	5	3	8	2

3

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

7	4	.	8	9
	5	9	2	
		6	6	6
	6	5	8	6

8	5	.	3	3
	2	5	5	
		2	5	5
	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

8	7	.	9	6
	7	8	3	
		5	2	2
	8	3	5	2

4

8	4	.	5	8
	4	2	0	
		6	7	2
	4	8	7	2

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

7	1	.	6	9
	4	2	6	
		6	3	9
	4	8	9	9

5	6	.	1	8
		5	6	
		4	4	8
	1	0	0	8

3	3	.	6	6
	1	9	8	
		1	9	8
	2	1	7	8

7	4	.	6	5
	4	4	4	
		3	7	0
	4	8	1	0

Schriftliche Multiplikation



1

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

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

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

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

2

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

4	3	9	·	7	7
	3	0	7	3	
		3	0	7	3
	3	3	8	0	3

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

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

3

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

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

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

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

4

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


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

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

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



1 Male passend an.

 kleiner als 300

$3 \cdot 92$
$5 \cdot 58$
$64 \cdot 5$
$77 \cdot 5$

kleiner als 5 000

$6 \cdot 489$
$73 \cdot 81$
$571 \cdot 9$
$76 \cdot 64$


größer als 40 000

$7800 \cdot 7$
$970 \cdot 50$
$60 \cdot 648$
$82 \cdot 572$

größer als 200 000

$6800 \cdot 30$
$970 \cdot 400$
$70 \cdot 4700$
$84 \cdot 271$

2

 Ergebnis beginnt mit 3

$42 \cdot 9$
$58 \cdot 70$
$62 \cdot 60$
$72 \cdot 53$
$805 \cdot 43$

Ergebnis beginnt mit 7

$72 \cdot 9$
$58 \cdot 80$
$82 \cdot 95$
$97 \cdot 93$
$821 \cdot 96$

Ergebnis beginnt mit 4

$79 \cdot 7$
$89 \cdot 60$
$50 \cdot 96$
$92 \cdot 47$
$646 \cdot 73$

Ergebnis beginnt mit 2

$18 \cdot 9$
$45 \cdot 60$
$39 \cdot 90$
$72 \cdot 33$
$545 \cdot 63$

Ergebnis beginnt mit 5

$90 \cdot 62$
$79 \cdot 83$
$22 \cdot 21$
$76 \cdot 77$
$842 \cdot 67$

Überschlagen (•)



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
3600	900	90	9
1200	300	30	3
2000	500	50	5

:	7	70	700
6300	900	90	9
1400	200	20	2
2800	400	40	4

:	9	90	900
2700	300	30	3
6300	700	70	7
5400	600	60	6

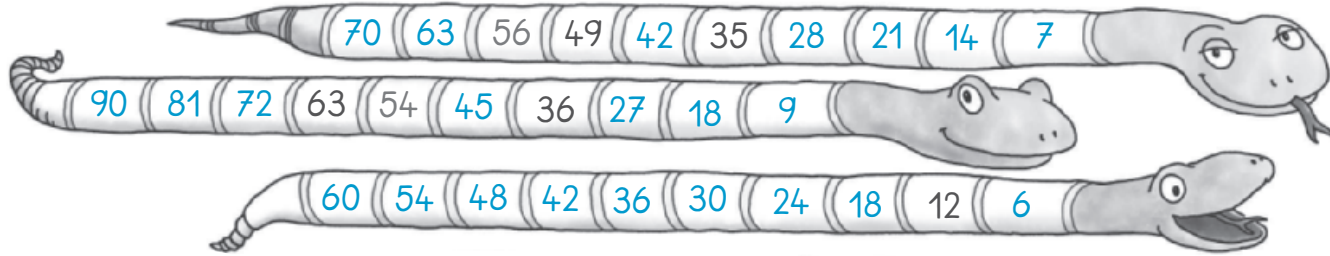
Größer, kleiner, gleich

$\frac{200:5}{A}$	$\frac{8 \cdot 7}{I}$	$\frac{5 \cdot 4}{N}$	$\frac{8 \cdot 4}{A}$	$\frac{9 \cdot 7}{T}$	$\frac{200:4}{I}$	$\frac{270:9}{E}$	$\frac{9 \cdot 5}{S}$	$\frac{6 \cdot 7}{M}$																																														
$\frac{30 \cdot 3}{N}$	$\frac{6 \cdot 4}{T}$	$\frac{360:90}{T}$	<table border="1"> <tr> <td>56</td> <td>25</td> <td>63</td> <td colspan="2"></td> </tr> <tr> <td>I</td> <td>S</td> <td>T</td> <td colspan="2"></td> </tr> <tr> <td>42</td> <td>32</td> <td>24</td> <td>48</td> <td>30</td> </tr> <tr> <td>M</td> <td>A</td> <td>T</td> <td>H</td> <td>E</td> </tr> <tr> <td>72</td> <td>20</td> <td>90</td> <td>50</td> <td>40</td> <td>90</td> <td>35</td> <td>36</td> <td>45</td> <td>4</td> <td>60</td> <td>27</td> <td>70</td> </tr> <tr> <td>I</td> <td>N</td> <td>D</td> <td>I</td> <td>A</td> <td>N</td> <td>E</td> <td>R</td> <td>S</td> <td>T</td> <td>A</td> <td>R</td> <td>K</td> </tr> </table>						56	25	63			I	S	T			42	32	24	48	30	M	A	T	H	E	72	20	90	50	40	90	35	36	45	4	60	27	70	I	N	D	I	A	N	E	R	S	T	A	R	K
56	25	63																																																				
I	S	T																																																				
42	32	24							48	30																																												
M	A	T							H	E																																												
72	20	90	50	40	90	35	36	45	4	60	27	70																																										
I	N	D	I	A	N	E	R	S	T	A	R	K																																										
$\frac{6 \cdot 6}{R}$	$\frac{250:10}{S}$	$\frac{7 \cdot 5}{E}$																																																				
$\frac{560:8}{K}$	$\frac{3 \cdot 9}{R}$	$\frac{9 \cdot 8}{I}$																																																				
$\frac{6 \cdot 8}{H}$	$\frac{540:6}{D}$	$\frac{480:8}{A}$																																																				

Vier Aufgaben gehören zu einer Aufgabenfamilie. Färbe sie gleich.

$\frac{21:7}{A}$	$\frac{4 \cdot 9}{B}$	$\frac{21:3}{A}$	$\frac{40:8}{C}$	$\frac{8 \cdot 5}{C}$	$\frac{36:4}{B}$	$\frac{7 \cdot 3}{A}$	$\frac{5 \cdot 8}{C}$
$\frac{9 \cdot 4}{B}$	$\frac{40:5}{C}$	$\frac{36:9}{B}$	$\frac{3 \cdot 7}{A}$				

1



2



16	8
12	6
18	9
14	7
8	4



12	4
3	1
27	9
15	5
9	3



21	3
63	9
14	2
28	4
49	7



54	6
18	2
72	8
36	4
81	9



30	5
12	2
54	9
24	4
36	6

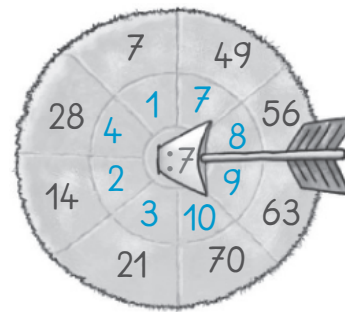
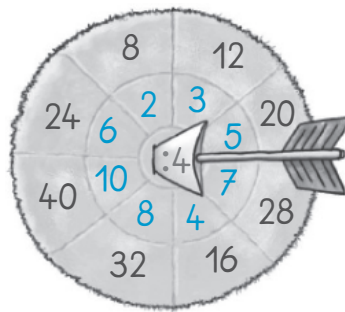
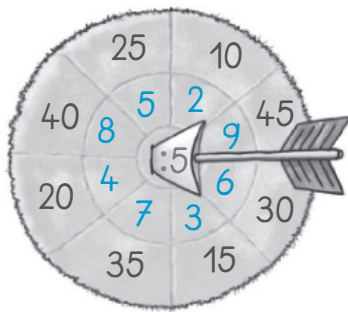
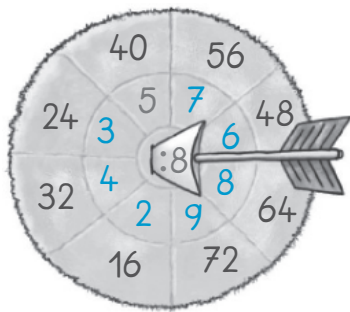


16	2
8	1
56	7
72	9
48	6

3

$18 : 2 = 9$	$15 : 3 = 5$	$42 : 6 = 7$	$10 : 2 = 5$	$27 : 3 = 9$	$25 : 5 = 5$
$21 : 3 = 7$	$24 : 8 = 3$	$21 : 7 = 3$	$14 : 7 = 2$	$54 : 6 = 9$	$49 : 7 = 7$
$8 : 4 = 2$	$15 : 5 = 3$	$32 : 8 = 4$	$40 : 4 = 10$	$81 : 9 = 9$	$36 : 4 = 9$
$20 : 5 = 4$	$36 : 9 = 4$	$54 : 9 = 6$	$18 : 6 = 3$	$64 : 8 = 8$	$36 : 9 = 4$

1



2

$43 : 5 = 8 \text{ R } 3$

$40 : 5 = 8$

$60 : 7 = 8 \text{ R } 4$

$56 : 7 = 8$

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

$30 : 6 = 5$

$30 : 7 = 4 \text{ R } 2$

$28 : 7 = 4$

$40 : 6 = 6 \text{ R } 4$

$36 : 6 = 6$

$42 : 5 = 8 \text{ R } 2$

$40 : 5 = 8$

$78 : 8 = 9 \text{ R } 6$

$72 : 8 = 9$

$48 : 9 = 5 \text{ R } 3$

$45 : 9 = 5$

$14 : 3 = 4 \text{ R } 2$

$12 : 3 = 4$

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

$63 : 9 = 7$

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

$48 : 8 = 6$

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

$24 : 4 = 6$

3

$21 : 5 = 4 \text{ R } 1$

$30 : 7 = 4 \text{ R } 2$

$44 : 6 = 7 \text{ R } 2$

$69 : 8 = 8 \text{ R } 5$

$16 : 7 = 2 \text{ R } 2$

$22 : 8 = 2 \text{ R } 6$

$11 : 2 = 5 \text{ R } 1$

$35 : 9 = 3 \text{ R } 8$

$19 : 2 = 9 \text{ R } 1$

$40 : 9 = 4 \text{ R } 4$

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

$42 : 5 = 8 \text{ R } 2$

$27 : 5 = 5 \text{ R } 2$

$18 : 4 = 4 \text{ R } 2$

$19 : 3 = 6 \text{ R } 1$

$28 : 6 = 4 \text{ R } 4$



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

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						
7	7	1	:	3	=	2	5	7
6								
1	7							
1	5							
	2	1	Probe					
	2	1		2	5	7	·	3
		0				7	7	1

3





1

8	5	6	2	:	6	=	1	4	2	7
<u>6</u>										
2	5									
2	4									
	<u>1</u>	6								
	1	2								
		4	2	Probe						
		<u>4</u>	2		1	4	2	7	·	6
		0				8	5	6	2	

6	2	9	2	:	4	=	1	5	7	3
<u>4</u>										
2	2									
2	0									
	<u>2</u>	9								
	2	8								
		1	2	Probe						
		<u>1</u>	2		1	5	7	3	·	4
		0				6	2	9	2	

9	4	6	4	:	8	=	1	1	8	3
<u>8</u>										
1	4									
	<u>8</u>									
	6	6								
	6	4								
		2	4	Probe						
		<u>2</u>	4		1	1	8	3	·	8
		0				9	4	6	4	

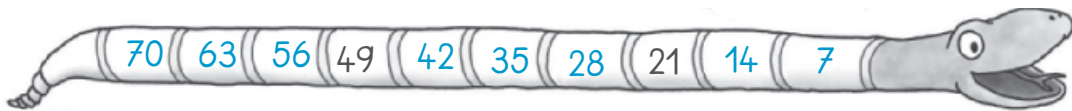
2

5	3	6	4	:	6	=	8	9	4	
<u>4</u>	8									
	5	6								
	5	4								
		2	4	Probe						
		<u>2</u>	4		8	9	4	·	6	
		0				5	3	6	4	

8	5	6	8	:	9	=	9	5	2	
<u>8</u>	1									
	4	6								
	4	5								
		1	8	Probe						
		<u>1</u>	8		9	5	2	·	9	
		0				8	5	6	8	

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

3



Schriftliche Division



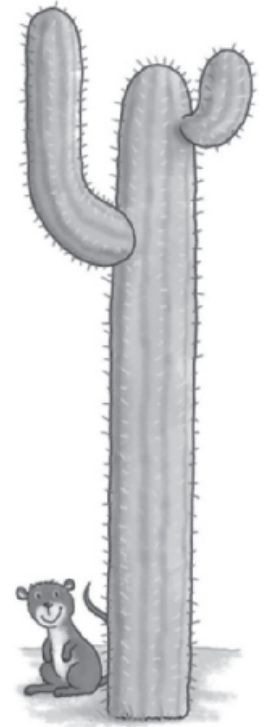
1

2	1	5	5	2	:	8	=	2	6	9	4
1	6										
	5	5									
	4	8									
		7	5								
		7	2								
			3	2	Probe						
			3	2	2	6	9	4	·	8	
				0		2	1	5	5	2	

4	1	4	6	8	:	7	=	5	9	2	4
3	5										
	6	4									
	6	3									
		1	6								
		1	4								
			2	8	Probe						
			2	8	5	9	2	4	·	7	
				0		4	1	4	6	8	

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

1	5	1	8	6	:	2	=	7	5	9	3
1	4										
	1	1									
	1	0									
		1	8								
		1	8								
			0	6	Probe						
				6	7	5	9	3	·	2	
				0		1	5	1	8	6	



2



1 Welches Ergebnis stimmt? Überschlage. Kreuze an.

$440 : 8$

<input type="radio"/>	35
<input checked="" type="radio"/>	55

$280 : 5$

<input checked="" type="radio"/>	56
<input type="radio"/>	76

$5\,296 : 8$

<input type="radio"/>	562
<input checked="" type="radio"/>	662

$53\,982 : 9$

<input type="radio"/>	6\,998
<input checked="" type="radio"/>	5\,998

$348 : 6$

<input checked="" type="radio"/>	58
<input type="radio"/>	78

$469 : 7$

<input type="radio"/>	87
<input checked="" type="radio"/>	67

$2\,780 : 4$

<input checked="" type="radio"/>	695
<input type="radio"/>	795

$26\,775 : 3$

<input checked="" type="radio"/>	8\,925
<input type="radio"/>	7\,925

$216 : 4$

<input type="radio"/>	34
<input checked="" type="radio"/>	54

$621 : 9$

<input checked="" type="radio"/>	69
<input type="radio"/>	89

$9\,584 : 2$

<input checked="" type="radio"/>	4\,792
<input type="radio"/>	5\,792

$46\,608 : 8$

<input type="radio"/>	4\,826
<input checked="" type="radio"/>	5\,826

2

$308 : 7$

<input type="radio"/>	54
<input checked="" type="radio"/>	44

$72 : 3$

<input type="radio"/>	44
<input checked="" type="radio"/>	24

$5\,886 : 9$

<input checked="" type="radio"/>	654
<input type="radio"/>	754

$13\,904 : 2$

<input checked="" type="radio"/>	6\,952
<input type="radio"/>	7\,952

$288 : 9$

<input type="radio"/>	22
<input checked="" type="radio"/>	32

$456 : 8$

<input checked="" type="radio"/>	57
<input type="radio"/>	37

$4\,844 : 7$

<input checked="" type="radio"/>	692
<input type="radio"/>	792

$20\,615 : 5$

<input checked="" type="radio"/>	4\,123
<input type="radio"/>	3\,123

$375 : 5$

<input checked="" type="radio"/>	75
<input type="radio"/>	85

$150 : 6$

<input checked="" type="radio"/>	25
<input type="radio"/>	45

$2\,826 : 3$

<input checked="" type="radio"/>	942
<input type="radio"/>	842

$14\,934 : 6$

<input type="radio"/>	1489
<input checked="" type="radio"/>	2489

Überschlagen (•)



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
					<u>1</u>	<u>5</u>	<u>4</u>	<u>5</u>	

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
					<u>2</u>	<u>1</u>	<u>1</u>	<u>5</u>	

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
					<u>6</u>	<u>3</u>	<u>5</u>	<u>6</u>	

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
					<u>3</u>	<u>6</u>	<u>1</u>	<u>2</u>	

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
					<u>2</u>	<u>8</u>	<u>4</u>	<u>9</u>	

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
					<u>4</u>	<u>8</u>	<u>7</u>	<u>2</u>	

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
					<u>3</u>	<u>6</u>	<u>8</u>	<u>1</u>	

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
					<u>2</u>	<u>4</u>	<u>1</u>	<u>6</u>	

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
					<u>3</u>	<u>0</u>	<u>2</u>	<u>5</u>	

Schriftliche Division



1

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

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

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

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

2	0	4	8	:	4	=	5	1	2	
<u>2</u>	0									
	0	4								
		<u>4</u>								
		0	8		Probe					
			8		5	1	2	·	4	
		<u>0</u>			2	0	4	8		

4	3	5	2	:	8	=	5	4	4	
<u>4</u>	0									
	3	5								
		<u>3</u>	2							
		3	2		Probe					
			3	2	5	4	4	·	8	
		<u>0</u>			4	3	5	2		

8	3	5	0	:	5	=	1	6	7	0
<u>5</u>										
	3	3								
	<u>3</u>	0								
		3	5		Probe					
		3	5		1	6	7	0	·	5
		<u>0</u>	0		8	3	5	0		

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

4	2	8	0	:	8	=	5	3	5	
<u>4</u>	0									
	2	8								
		<u>2</u>	4							
		4	0		Probe					
		4	0		5	3	5	·	8	
		<u>0</u>			4	2	8	0		

Schriftliche Division

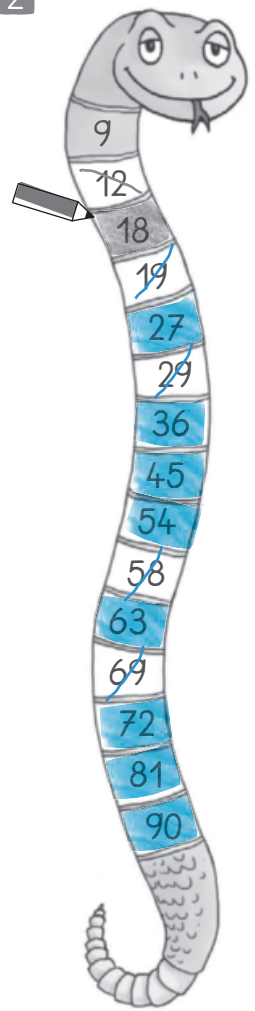


1

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

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

2



3	1	5	4	5	:	5	=	6	3	0	9
3	0										
	1	5									
	1	5									
		0	4	5							
			4	5							
			0			Probe					
						6	3	0	9	·	5
						3	1	5	4	5	

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



1

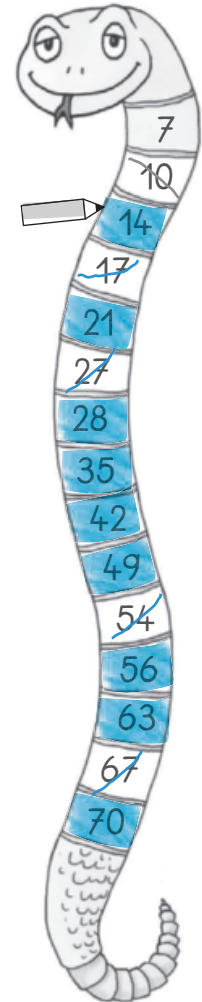
1	4	5	4	6	:	7	=	2	0	7	8
1	4										
	0	5	4								
		4	9								
			5	6							
			5	6							
				0				Probe			
								2	0	7	8
									1	4	5
									4	4	6

2	2	0	4	4	:	6	=	3	6	7	4
1	8										
	4	0									
	3	6									
		4	4								
		4	2								
			2	4				Probe			
			2	4				3	6	7	4
				0					2	2	0
									4	4	4

2	0	7	0	3	:	3	=	6	9	0	1
1	8										
	2	7									
	2	7									
		0	0	3							
				3							
				0				Probe			
								6	9	0	1
									2	0	7
									0	3	0

1	9	4	4	0	:	2	=	9	7	2	0
1	8										
	1	4									
	1	4									
		0	4								
			4								
			0	0				Probe			
								9	7	2	0
									1	9	4
									4	4	0

2



Schriftliche Division



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					
			2	8		6	3	0	4	·	7
			<u>0</u>			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					
			1	6		5	0	9	4	·	4
			<u>0</u>			2	0	3	7	6	

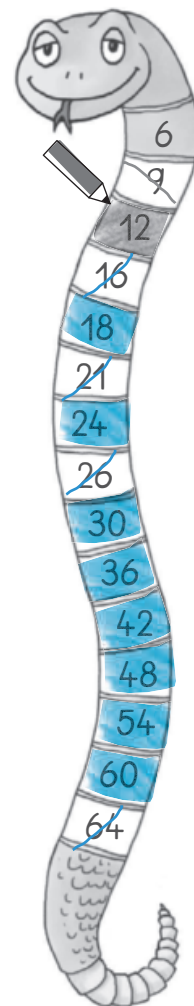
7	3	6	0	8	:	8	=	9	2	0	1
<u>7</u>	<u>2</u>										
	1	6									
	<u>1</u>	<u>6</u>									
		0	0	8		Probe					
			8			9	2	0	1	·	8
			<u>0</u>			7	3	6	0	8	

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					
			4	8		9	9	0	8	·	6
			<u>0</u>			5	9	4	4	8	

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

2



Schriftliche Division



1

H	Z	E							
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	

H	Z	E							
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	

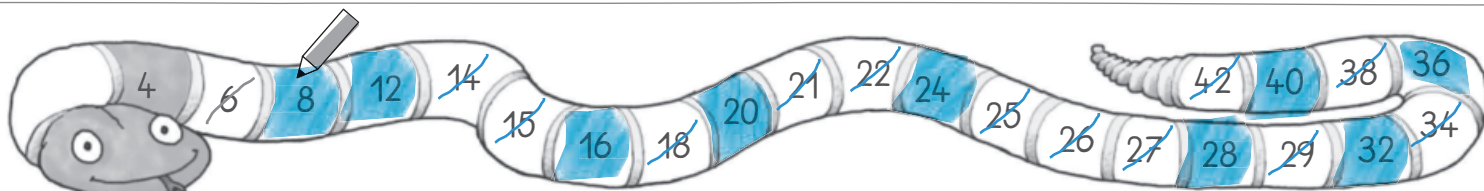
H	Z	E							
4	8	6	:	5	=	9	7	R	1
4	5								
	3	6			Probe				
	3	5			9	7	·	5	
		1				4	8	5	
4	8	5	+	1	=	4	8	6	

H	Z	E							
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	

H	Z	E							
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	

H	Z	E							
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	

2





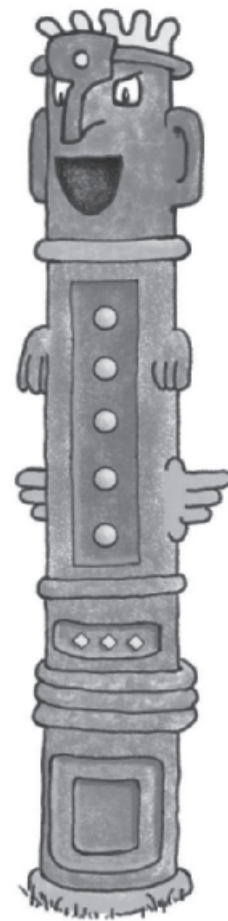
1

1	0	0	2	:	8	=	1	2	5	R	2
0	8										
	2	0									
	1	6									
		4	2			Probe					
		4	0			1	2	5	·	8	
			2			1	0	0	0		
1	0	0	0	+	2	=	1	0	0	2	

1	4	2	2	:	5	=	2	8	4	R	2
1	0										
	4	2									
	4	0									
		2	2			Probe					
		2	0			2	8	4	·	5	
			2			1	4	2	0		
1	4	2	0	+	2	=	1	4	2	2	

1	5	7	5	:	2	=	7	8	7	R	1
1	4										
	1	7									
	1	6									
		1	5			Probe					
		1	4			7	8	7	·	2	
			1			1	5	7	4		
1	5	7	4	+	1	=	1	5	7	5	

2	1	2	7	:	6	=	3	5	4	R	3
1	8										
	3	2									
	3	0									
		2	7			Probe					
		2	4			3	5	4	·	6	
			3			2	1	2	4		
2	1	2	4	+	3	=	2	1	2	7	



Schriftliche Division mit Rest

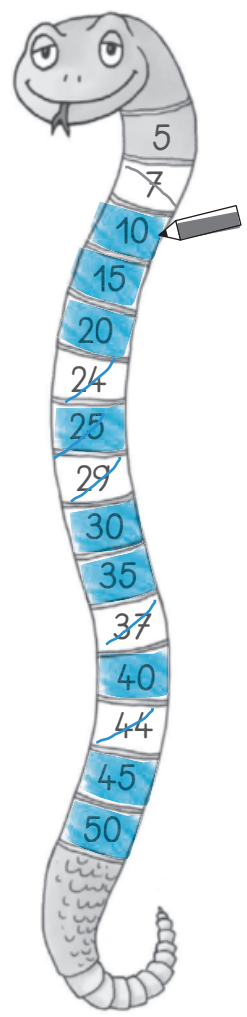


1

4	7	8	3	:	5	=	9	5	6	R	3
<u>4</u>	<u>5</u>										
	2	8									
	<u>2</u>	<u>5</u>									
		3	3			Probe					
		<u>3</u>	<u>0</u>			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
<u>1</u>	<u>8</u>										
	1	6									
	<u>1</u>	<u>5</u>									
		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
<u>3</u>	<u>2</u>										
	6	4									
	<u>6</u>	<u>4</u>									
		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
<u>3</u>	<u>5</u>										
	0	4	5								
		<u>4</u>	<u>2</u>								
			3			Probe					
						5	0	6	·	7	
						3	5	4	2		
3	5	4	2	+	3	=	3	5	4	5	

1 Welches Ergebnis stimmt? Überschlage. Kreuze an.

$4\,864 + 3\,213$
 8 077
 7 077

$9\,512 - 5\,334$
 4 178
 5 178

$37\,595 + 24\,461$
 52 056
 62 056

$84\,357 - 26\,593$
 67 764
 57 764

$501\,752 + 185\,642$
 687 394
 787 394

$761\,828 - 539\,619$
 122 209
 222 209

$432\,967 + 245\,321$
 678 288
 778 288

$916\,523 - 429\,843$
 586 680
 486 680

2

 $18 \cdot 5$
 90
 80

$5\,389 \cdot 6$
 32 334
 22 334

$96 : 4$
 14
 24

$7\,728 : 3$
 2 576
 3 576

$26 \cdot 3$
 88
 78

$84\,295 \cdot 4$
 337 180
 237 180

$96 : 3$
 32
 22

$230\,152 : 8$
 18 769
 28 769

$37 \cdot 2$
 64
 74

$431\,809 \cdot 2$
 763 618
 863 618

$76 : 2$
 48
 38

$408\,429 : 7$
 48 347
 58 347

Überschlagen



1

Z	T	H	Z	E								
5	9	7	0	0	:	2	0	=	2	9	8	5
4	0											
1	9	7										
1	8	0										
	1	7	0									
	1	6	0									
		1	0	0	Probe							
		1	0	0	2	9	8	5	·	2	0	
			0			5	9	7	0	0		

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

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

Z	T	H	Z	E								
9	0	0	2	0	:	7	0	=	1	2	8	6
7	0											
2	0	0										
1	4	0										
	6	0	2									
	5	6	0									
		4	2	0	Probe							
		4	2	0	1	2	8	6	·	7	0	
			0			9	0	0	2	0		



Schriftliche Division



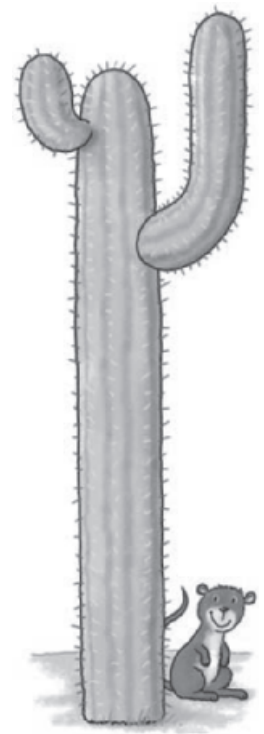
1

1	6	2	5	:	2	5	=	6	5
1	5	0							
	1	2	5		Probe				
	1	2	5		6	5	·	2	5
			0		1	3	0		
						3	2	5	
					1	6	2	5	

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

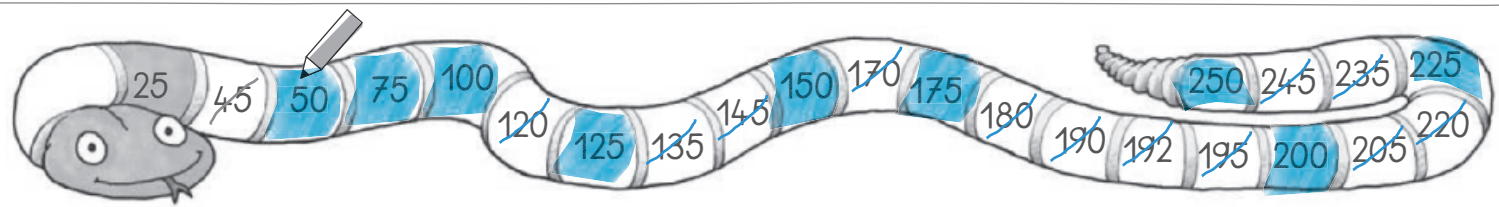
2	1	0	0	0	:	2	5	=	8	4	0
2	0	0									
	1	0	0		Probe						
	1	0	0		8	4	0	·	2	5	
			0	0		1	6	8	0		
							4	2	0	0	
						2	1	0	0	0	

1	9	6	0	0	:	2	5	=	7	8	4
1	7	5									
	2	1	0		Probe						
	2	0	0		7	8	4	·	2	5	
		1	0	0		1	5	6	8		
		1	0	0			3	9	2	0	
			0			1	9	6	0	0	



Schriftliche Division

2



1



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

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

$$9 \cdot 9 + 9 = 90$$

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

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

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

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

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

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

$$6 + 3 \cdot 4 = 18$$

$$3 \cdot 4 + 6 = 18$$

$$9 + 7 \cdot 6 = 51$$

$$7 \cdot 6 + 9 = 51$$

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

$$8 + 9 : 3 = 11$$

$$49 : 7 + 8 = 15$$

$$6 + 18 : 6 = 9$$

$$10 + 25 : 5 = 15$$

$$9 + 25 : 5 = 14$$

$$7 + 12 : 2 = 13$$

$$21 : 3 + 4 = 11$$

$$45 + 45 : 9 = 50$$

$$24 : 4 - 3 = 3$$

$$8 - 42 : 6 = 1$$

$$6 - 16 : 4 = 2$$

$$72 - 63 : 7 = 63$$

$$9 - 72 : 9 = 1$$

$$24 : 8 - 2 = 1$$

$$5 - 27 : 9 = 2$$

$$10 - 54 : 6 = 1$$

4

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

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

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

$$8 + 2 \cdot 6 - 5 = 15$$

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

$$9 + 9 : 3 - 9 = 3$$

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

$$3 - 21 : 7 + 6 = 6$$

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

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

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

$$7 \cdot 3 - 4 \cdot 3 = 9$$

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

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

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

$$36 : 4 - 15 : 5 = 6$$

1



Die Klammern
zuerst rechnen!

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

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

$$4 + (5 \cdot 4) = 24$$

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

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

$$(4 + 5) \cdot 4 = 36$$

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

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

$$18 + (18 : 6) = 21$$

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

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

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

2

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

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

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

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

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

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

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

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

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

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

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

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

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

$$(7 + 5) \cdot 1 = 12$$

$$2 \cdot (5 + 3) = 16$$

$$6 \cdot (5 + 1) = 36$$

3

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

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

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

$$* (25 : 5) - 11 =$$

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

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

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

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

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

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

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

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

$$(36 - 4) : 8 = 4$$

$$(28 - 4) : 8 = 3$$

$$30 : (12 - 6) = 5$$

$$42 : (7 - 6) = 42$$

*Aufgabe falsch. Richtig: $(25:5) - 1 = 4$

4

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

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

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

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

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

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

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

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

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

$$(16 + 4) \cdot (8 - 6) = 40$$

$$(16 - 8) \cdot (13 - 5) = 64$$

$$(45 - 9) : (11 - 5) = 6$$



1 Fasse geschickt zusammen.

$$51\,300 + 4\,278 + 700 = 56\,278$$

$$24\,200 + 4\,393 + 800 = 29\,393$$

$$33\,600 + 5\,535 + 400 = 39\,535$$

$$62\,400 + 3\,621 + 600 = 66\,621$$

$$82\,700 + 5\,449 + 300 = 88\,449$$

$$43\,500 + 2\,262 + 500 = 46\,262$$



2 $72\,100 + 6\,780 - 100 = 78\,780$

$$15\,800 + 1\,314 - 800 = 16\,314$$

$$56\,542 + 2\,530 - 542 = 58\,530$$

$$34\,607 + 3\,272 - 607 = 37\,272$$

$$91\,651 + 8\,920 - 651 = 99\,920$$

$$27\,893 + 1\,147 - 893 = 28\,147$$

3 $98\,174 - 7\,500 - 174 = 90\,500$

$$63\,353 - 2\,100 - 353 = 60\,900$$

$$28\,965 - 5\,300 - 965 = 22\,700$$

$$53\,831 - 2\,500 - 831 = 50\,500$$

$$83\,219 - 3\,100 - 219 = 79\,900$$

$$45\,728 - 4\,800 - 728 = 40\,200$$



4

+	1999	5999	3999	4999
72346	74345	78345	76345	77345
34153	36152	40152	38152	39152
41792	43791	47791	45791	46791

-	399	299	499	199
1743	1344	1444	1244	1544
5985	5586	5686	5486	5786
9637	9238	9338	9138	9438

1 Rechne geschickt.

$3\,999 \cdot 4 = 15\,996$	$2\,999 \cdot 3 = 8\,997$	$7\,999 \cdot 5 = 39\,995$	$8\,999 \cdot 6 = 53\,994$
$4\,000 \cdot 4 = 16\,000$	$3\,000 \cdot 3 = 9\,000$	$4\,999 \cdot 8 = 39\,992$	$3\,999 \cdot 4 = 15\,996$
$1 \cdot 4 = 4$	$1 \cdot 3 = 3$	$1\,999 \cdot 7 = 13\,993$	$6\,999 \cdot 2 = 13\,998$
		$2\,999 \cdot 9 = 26\,991$	$5\,999 \cdot 3 = 17\,997$

2

$14\,995 : 5 = 2\,999$	$23\,994 : 6 = 3\,999$	$27\,996 : 4 = 6\,999$	$7\,998 : 2 = 3\,999$
$15\,000 : 5 = 3\,000$	$24\,000 : 6 = 4\,000$	$63\,992 : 8 = 7\,999$	$24\,995 : 5 = 4\,999$
$5 : 5 = 1$	$6 : 6 = 1$	$19\,995 : 5 = 3\,999$	$53\,994 : 6 = 8\,999$
		$20\,993 : 7 = 2\,999$	$71\,991 : 9 = 7\,999$

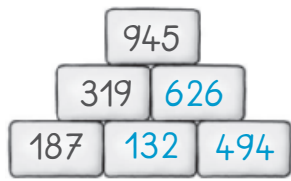
3

·	3	7	6	5
3 999	11 997	27 993	23 994	19 995
5 999	17 997	41 993	35 994	29 995
7 999	23 997	55 993	47 994	39 995
9 999	29 997	69 993	59 994	49 995
4 999	14 997	34 993	29 994	24 995
6 999	20 997	48 993	41 994	34 995

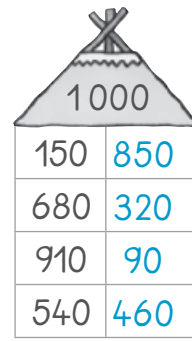
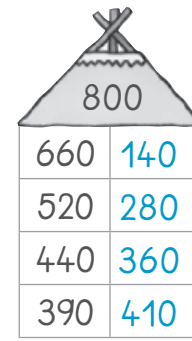
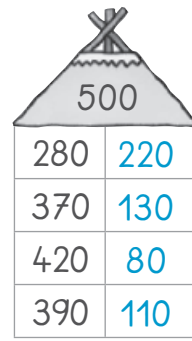
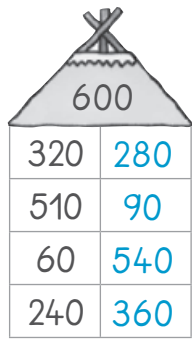
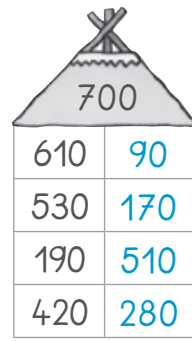
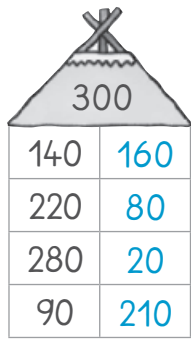
·	4	6	2	8
2 999	11 996	17 994	5 998	23 992
3 999	15 996	23 994	7 998	31 992
8 999	35 996	53 994	17 998	71 992
4 999	19 996	29 994	9 998	39 992
7 999	31 996	47 994	15 998	63 992
1 999	7 996	11 994	3 998	15 992



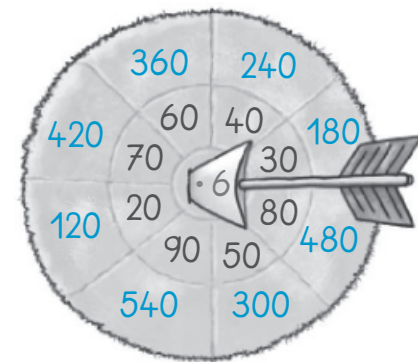
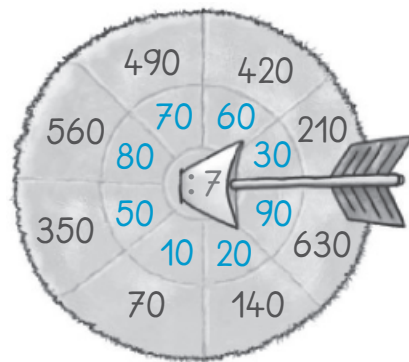
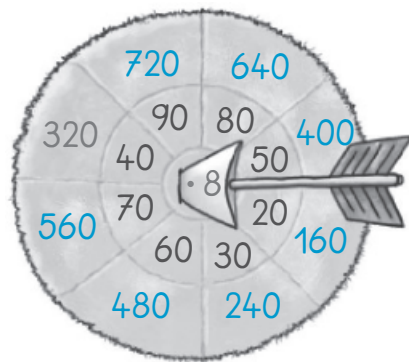
1



2

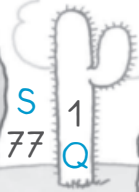


3



Vermischte Aufgaben

$$\begin{array}{r} 796 \\ + 156 \\ \hline 952 \end{array}$$



$$\begin{array}{r} 597 \cdot 6 \\ \hline 3582 \end{array}$$

7 S



14 S



$$\begin{array}{r} 853 \\ - 375 \\ \hline 478 \end{array}$$

63 S

100 Q

$$3367 : 7 = 481$$

$$\begin{array}{r} 28 \\ \underline{56} \\ 56 \\ \underline{07} \\ 70 \end{array}$$

7 Z
0

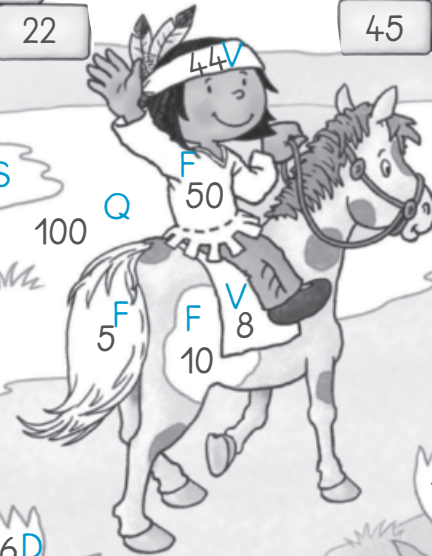
$$\begin{array}{r} 275 \\ + 289 \\ \hline 564 \end{array}$$

$$2655 : 9 = 295$$

$$\begin{array}{r} 18 \\ \underline{85} \\ 81 \\ \underline{45} \\ 45 \\ \underline{45} \\ 0 \end{array}$$

$$\begin{array}{r} 763 \\ - 484 \\ \hline 279 \end{array}$$

$$\begin{array}{r} 764 \cdot 4 \\ \hline 3056 \end{array}$$



121 Q



- : Quadratzen Q
- : Dreierreihe D
- : Viererreihe V
- : Fünferreihe F
- : Siebenerreihe S

1. Auflage

1 5 4 3 2 1 | 18 17 16 15 14

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Hilfsaufgabe



Nutze eine einfachere Aufgabe, die dir hilft,
das Ergebnis der Aufgabe zu finden.

Zum Beispiel bei

$$8 \cdot 400$$

denke an

$$8 \cdot 4$$

Merken



Diese Aufgaben musst du auswendig lernen.
Rechne sie so oft, dass du das Ergebnis ganz
schnell sagen kannst!

In Teilaufgaben zerlegen



Löse eine schwierige Aufgabe, indem du sie
in Teilaufgaben zerlegst. Bekannte Aufgaben
helfen dir, das Ergebnis leichter auszurechnen.

Zum Beispiel

$$49 \cdot 5$$

Rechne erst $50 \cdot 5$

dann ziehe $1 \cdot 5$ ab.

Verfahren anwenden



Wende ein schriftliches Verfahren an,
um diese Aufgabe zu lösen.

Diese Tipps helfen dir.



Anokis Welt im Überblick

Anfangsunterricht

Mathematik

Richtig schreiben

Sachunterricht

Texte schreiben

Englisch

Lesen

Alle Hefte im günstigen 5er-Paket!

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Richtig rechnen 4

- Selbstständiges Bearbeiten aller arithmetischen Lerninhalte der vierten Klasse
- Konzentration auf wenige Aufgabenformate
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