

Aufgaben aus dem ÜBUNGSHEFT

Denk- und Rechenttraining

für die

4. Klasse

Name:

1

4er

4	8	12								48
---	---	----	--	--	--	--	--	--	--	----

8er

8	16									96
---	----	--	--	--	--	--	--	--	--	----

2

.	4	40
9		
5		
7		
6		
8		
3		
0		
	8	80
4		

3

.	8	18
2		
4		
8		
5		
	0	0
9		
10		
6		
7		

4

:	8
24	3
27	3 R 3
40	
47	
64	
66	
48	
52	

$$3 \cdot 8 = 24$$

$$3 \cdot 8 + 3 = 27$$

$$6 \cdot 8 + 7 =$$

5

$$9 + 5 =$$

$$59 + 5 =$$

$$359 + 5 =$$

6

$$7 + 9 =$$

$$37 + 9 =$$

$$437 + 9 =$$

7

$$6 + 6 =$$

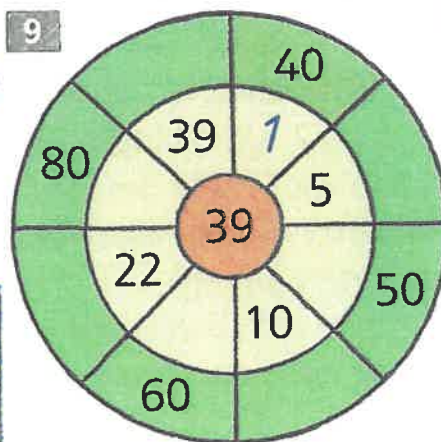
$$76 + 6 =$$

$$876 + 6 =$$

8

9	7	7	23
8	8		24
10			
27	25		90

9



10



7	7	6	20
4	6		30
9			
20	25		80

1

3er

3	6	9									36
---	---	---	--	--	--	--	--	--	--	--	----

6er

6	12										72
---	----	--	--	--	--	--	--	--	--	--	----

2

·	3	103
9		
5		
7		
6		
8		
	9	309
0		
2		
4		

3

·		16
1	6	
5		
10		
		48
6		
4		
8		
7		
9		

4

:	6
12	2
15	2 R 3
38	
40	
19	
47	
54	

$$2 \cdot 6 = 12$$

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

$$4 \cdot 6 + 3 =$$

$$8 \cdot 6 + 5 =$$

5 $11 - 8 =$

6 $14 - 6 =$

7 $17 - 9 =$

$31 - 8 =$

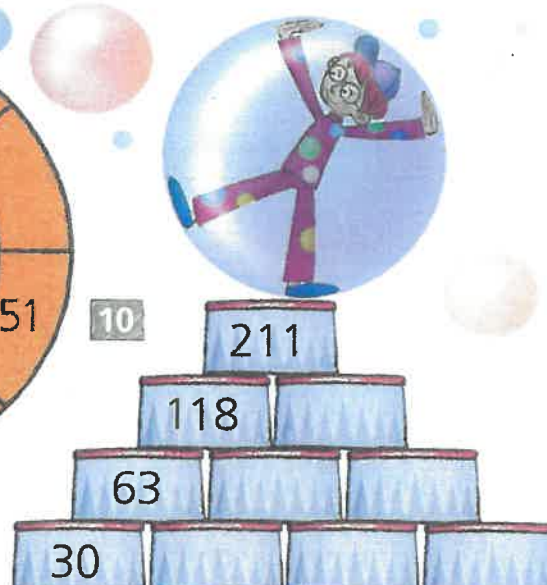
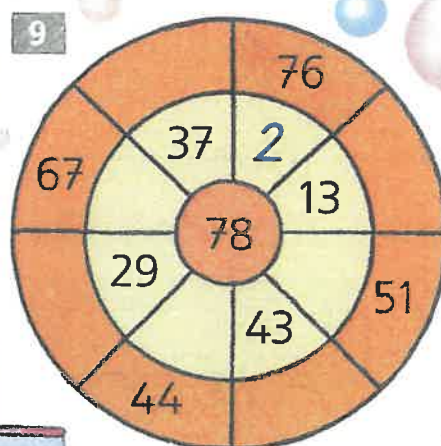
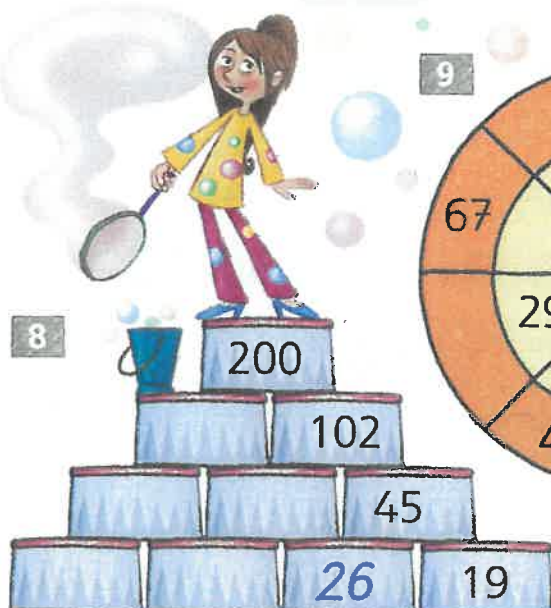
$54 - 6 =$

$67 - 9 =$

$131 - 8 =$

$454 - 6 =$

$267 - 9 =$



1	9	18	27							90
	90	180								900

2

.	9	19	90
2			
5			
10			
	27		270
6			
4			
8			
7			
9			
	0	0	0

3

:	9
45	
	9
0	
	7
54	
	8
27	
18	
	4
9	

4

:	9
20	2R2
40	4R
73	
45	
6	
35	
89	
54	

$$2 \cdot 9 + 2 = 20$$

$$4 \cdot 9 +$$

$$7 \cdot 9 + 7 =$$

$$10 \cdot 9 + 4 =$$

5

$$125 + 8 =$$

$$125 + 80 =$$

$$125 + 800 =$$

6

$$631 - 4 =$$

$$631 - 40 =$$

$$631 - 400 =$$

7

$$245 + 7 =$$

$$245 + 70 =$$

$$245 + 700 =$$

8

$$249 + 6 =$$

$$249 + 60 =$$

$$249 + 600 =$$

9

$$974 - 7 =$$

$$974 - 70 =$$

$$974 - 700 =$$

10

$$468 + 4 =$$

$$468 + 40 =$$

$$468 + 400 =$$

11

$$+ 5 = 322$$

$$+ 50 = 367$$

$$+ 500 = 817$$

12

$$- 3 = 729$$

$$- 30 = 702$$

$$- 300 = 432$$

13

$$+ 4 = 173$$

$$+ 40 = 209$$

$$+ 400 = 569$$



1	7	14	21						70
	70	140							700

2

.	7	17	70
2			
4			
8			
	35		350
0			
10			
9			
	21		
6			
7			

3

:	7
49	
	3
0	
	4
35	
	9
42	
	0
56	
	2

4

:	7
64	9R1
65	
36	
53	
31	
5	
62	
47	

$$9 \cdot 7 + 1 =$$

$$3 \cdot 7 + 2 =$$

$$7 \cdot 7 + 1 =$$

5

$$370 + 259 =$$

570/629

6

$$264 + 520 =$$

7

$$485 + 330 =$$

8

$$540 + 378 =$$

9

$$136 + 280 =$$

10

$$690 + 288 =$$

11

25	9		40
	5		
12		20	
50	30		120

12

	7	7	
9	23		40
	8	15	30
		30	140

13

	13		38
20		9	40
14	17	12	
50			121



1 $21 : 3 =$

$210 : 30 =$

$210 : 3 =$

2 $42 : 6 =$

$420 : 60 =$

$420 : 6 =$

3 $56 : 8 =$

$560 : 8 =$

$560 : 80 =$

4 $36 : 4 =$

$360 : 4 =$

$360 : 40 =$

5 $60 : 6 =$

$600 : 6 =$

$600 : 60 =$

6 $32 : 8 =$

$320 : 80 =$

$320 : 8 =$

7 $16 : 4 =$

$160 : 40 =$

$160 : 4 =$

8 $49 : 7 =$

$490 : 70 =$

$490 : 7 =$

9 $90 : 9 =$

$900 : 9 =$

$900 : 90 =$

10 $: 5 = 9$

$: 5 = 90$

$: 50 = 9$

11 $: 7 = 10$

$: 70 = 10$

$: 7 = 100$

12 $: 9 = 7$

$: 90 = 7$

$: 9 = 70$

13 $557 - 230 =$

357/327

14 $620 - 453 =$

15 $843 - 350 =$

16 $970 - 666 =$

17 $731 - 540 =$

18 $465 - 213 =$

19 

-	9	15	650
600			
			100
820			



20

+	12	25	470
390			
		500	
529			

1

$23 + \quad = 30$

$23 + \quad = 80$

$57 + \quad = 60$

$57 + \quad = 90$

$14 + \quad = 20$

$14 + \quad = 50$

$36 + \quad = 40$

$36 + \quad = 70$

$62 + \quad = 70$

$62 + \quad = 90$

2

$\quad + 5 = 80$

$\quad + 5 = 380$

$\quad + 3 = 40$

$\quad + 3 = 640$

$\quad + 7 = 20$

$\quad + 7 = 920$

$\quad + 9 = 50$

$\quad + 9 = 550$

$\quad + 6 = 30$

$\quad + 6 = 730$

3

$65 + \quad = 100$

$565 + \quad = 1000$

$29 + \quad = 100$

$429 + \quad = 1000$

$32 + \quad = 100$

$932 + \quad = 1000$

$41 + \quad = 100$

$241 + \quad = 1000$

$46 + \quad = 100$

$346 + \quad = 1000$

4

	10	20	30	40	50	60	70	80	90
2									
5									
10									

5

$5 \cdot 65 = \quad$

300/25**6**

$3 \cdot 46 = \quad$

7

$4 \cdot 58 = \quad$

8

$7 \cdot 39 = \quad$

9

$5 \cdot 92 = \quad$

10

$8 \cdot 37 = \quad$

11

$9 \cdot 44 = \quad$

12

$3 \cdot 85 = \quad$

13

$7 \cdot 63 = \quad$



Die große Rätselseite



A	C	D	E	G	H	I	L	M	N	O	R	S	T	W	Y	Z
0	1	7	8	13	27	36	75	112	126	144	180	240	280	309	320	400

$3 \cdot 103 = 309$

W

$2 \cdot 18 =$



$8 \cdot 18 =$



$4 \cdot 9 =$



$6 \cdot 40 =$



$93 - 18 =$



$9 \cdot 20 =$



$8 \cdot 40 =$



$35 : 5 =$



$8 \cdot 30 =$



$6 \cdot 30 =$



$27 : 1 =$



$94 - 58 =$



$6 \cdot 6 =$



$0 : 76 =$



$7 \cdot 18 =$



$4 \cdot 60 =$



$7 \cdot 16 =$



$56 : 8 =$



$37 : 37 =$



$24 \cdot 10 =$



$40 \cdot 10 =$



$72 - 45 =$



$7 \cdot 40 =$



$309 \cdot 1 =$



$48 : 6 =$



$56 : 7 =$



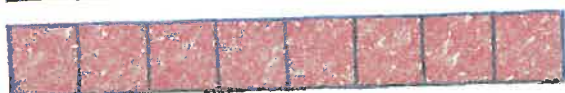
$81 - 73 =$



$130 : 10 =$



$180 + 0 =$



1

·	12	23
2		
4		
8		
	60	
7		
9		
6		
		69
10		

2

·	13	32
5		
9		
4		
		256
10		
7		
3		
6		
	0	

3

:	3
28	9R1
15	
17	
25	
4	
11	

$$9 \cdot 3 + 1 =$$

$$7 \cdot 3 =$$

$$7 \cdot 3 + 1 =$$

$$4 \cdot 3 + 2 =$$

4

$$376 + \quad = 432$$

4/20/32

5

$$259 + \quad = 317$$

6

$$533 + \quad = 660$$

7

$$488 + \quad = 529$$

8

$$770 + \quad = 864$$

9

$$128 + \quad = 258$$

10

$$641 + \quad = 790$$

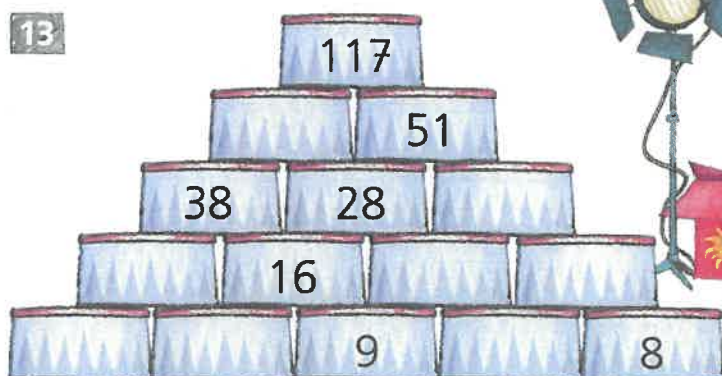
11

$$266 + \quad = 321$$

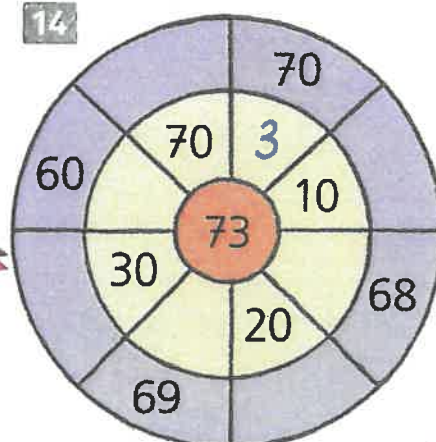
12

$$917 + \quad = 1000$$

13



14



1 $648 : 6 =$

$600 : 6 =$

$48 : 6 =$

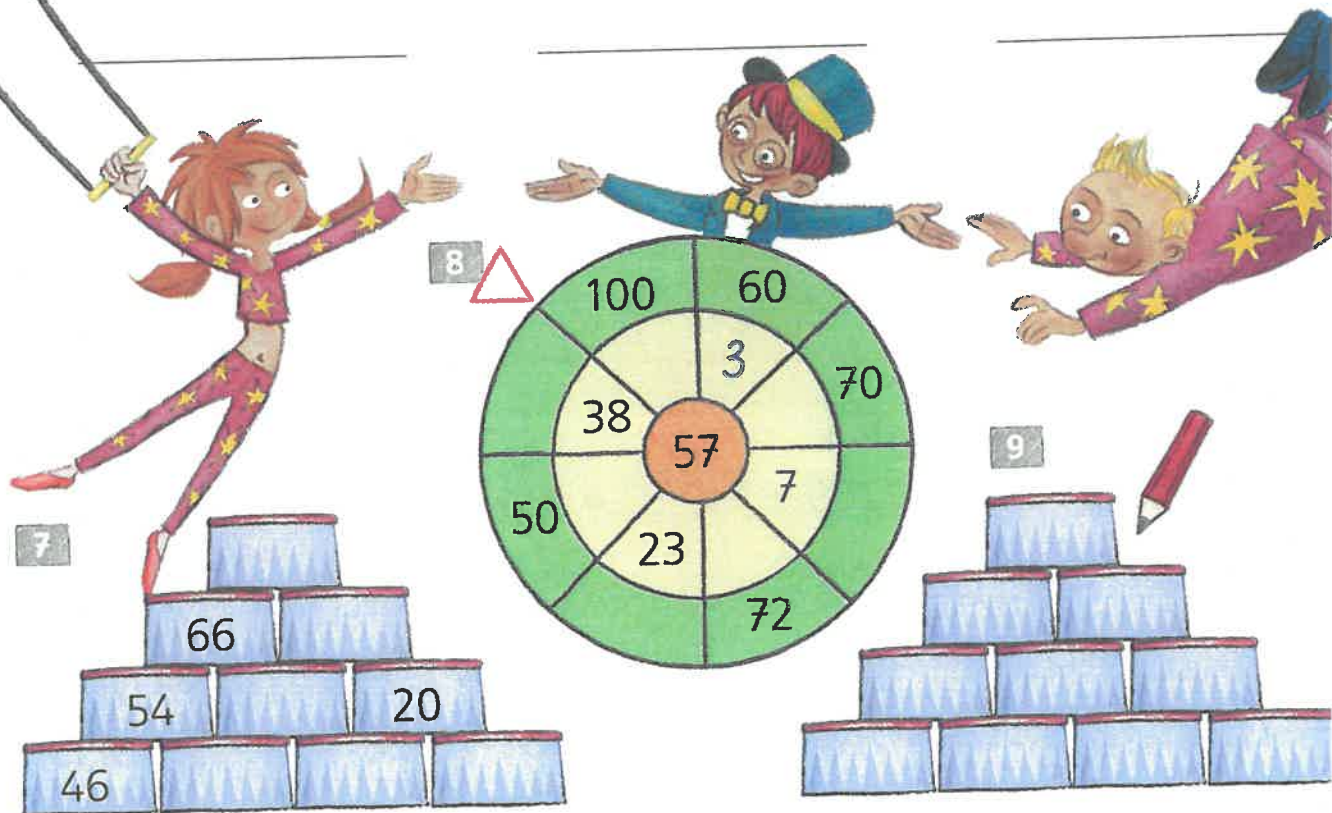
2 $864 : 8 =$

3 $424 : 4 =$

4 $735 : 7 =$

5 $954 : 9 =$

6 $525 : 5 =$



10 $378 - = 285$

11 $354 - = 266$

12 $612 - = 530$

$78/15$

13 $547 - = 492$

14 $874 - = 750$

15 $266 - = 180$

16 $739 - = 610$

17 $292 - = 173$

18 $987 - = 830$

Der 1. Rechenmeister



1

$8 \cdot 40 =$

$7 \cdot 70 =$

2

$5 \cdot 90 =$

$3 \cdot 80 =$

3

$8 \cdot 17 =$

$3 \cdot 16 =$

4

$7 \cdot 15 =$

$9 \cdot 19 =$

5

$400 : 80 =$

$280 : 7 =$

$180 : 30 =$

6

$540 : 6 =$

$490 : 70 =$

$630 : 9 =$

7

$320 : 40 =$

$900 : 10 =$

$450 : 5 =$

8

$975 - 6 =$

$975 - 60 =$

$975 - 600 =$

9

$268 + 7 =$

$268 + 70 =$

$268 + 700 =$

10

$512 - 4 =$

$512 - 40 =$

$512 - 400 =$

11

$38 : 7 = R \quad \cdot 7 + =$

$29 : 4 =$

$49 : 5 =$

$73 : 9 =$

12

$54 : 8 =$

$26 : 6 =$

$60 : 7 =$

$: 5 = \quad 6 \cdot 5 + 2 =$

13

$256 + 530 =$

14

$717 - = 676$

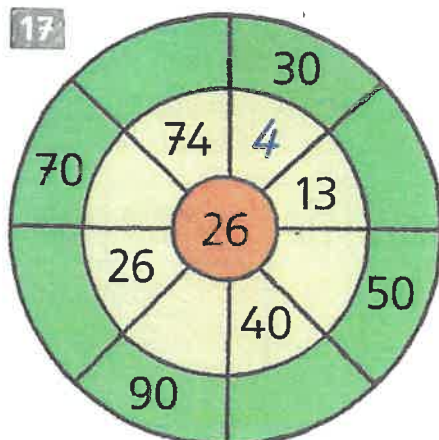
15

$418 + = 530$

16

5	56	61
6	7	
19		89

17



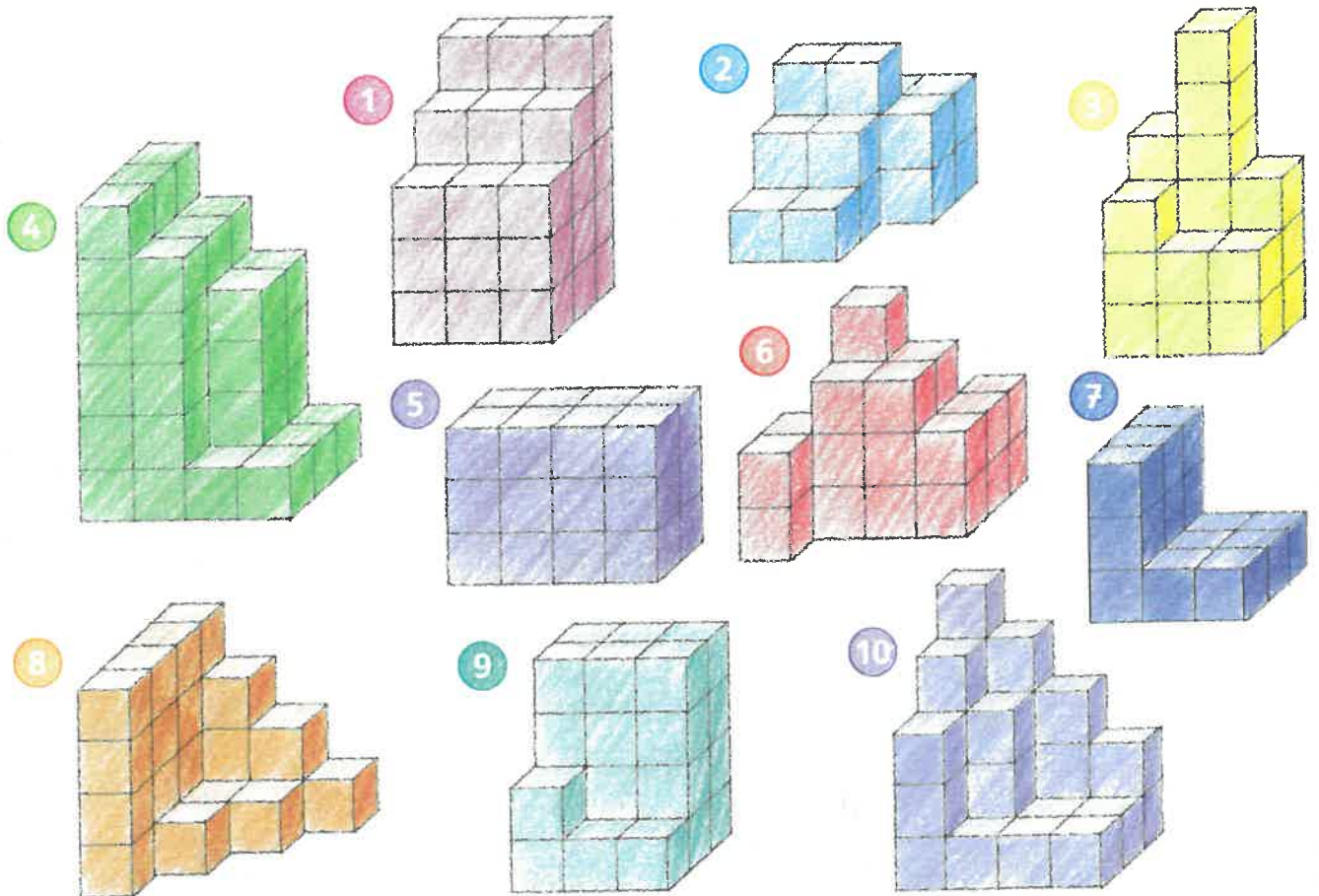
18

12	15		30
11	14		35
32	33		95



Rund um die Mathematik

1 Welcher Bauplan gehört zu welchem Gebäude? Ordne zu.



(A)

3	3	3	3
3	3	3	3

(B)

4	4	4	
4	4	4	
2	1	1	

(C)

5	5	5	
4	4	4	
3	3	3	

(D)

4	6	3	
3	2	2	

(E)

4	3	2	1
4	1	1	
4	1		
4			

(F)

2	2	2	
3	3	2	
2	2		
1	1		

(G)

5	4	3	2
4	3	1	1
3	1	1	1

(H)

6	5	4	1
6	5	4	1
6	5	1	1

(I)

			2
	4	3	2
2	3	3	2
2			

(J)

3	1	1	
3	1	1	
3	1	1	

Gebäude	1	2	3	4	5	6	7	8	9	10
Bauplan	C									
Anzahl der Würfel	36									

2



Paul, Vater und Mutter
wiegen zusammen 170 kg.



Großmutter und Paul
wiegen zusammen 100 kg.



Vater und Mutter
wiegen zusammen 140 kg.



Paul, Vater und Großmutter
wiegen zusammen 175 kg.

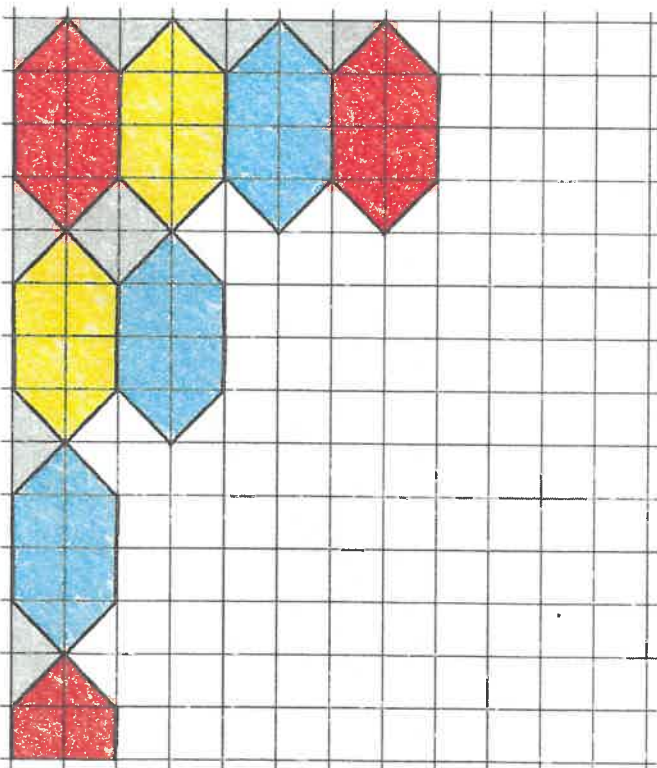
Paul wiegt kg.

Vater wiegt kg.

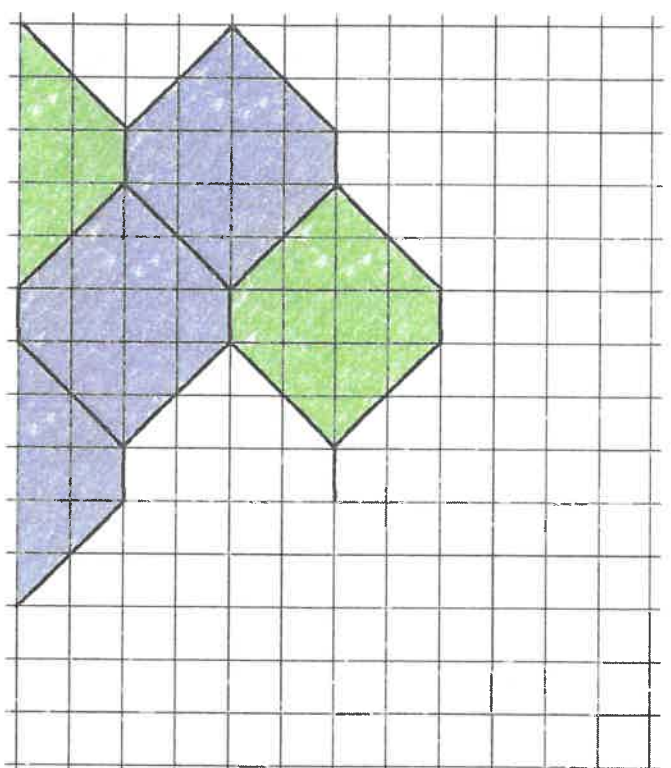
Mutter wiegt kg.

Großmutter wiegt kg.

3



4



1

·	8
1	
	40
3	
	48
4	
	64
7	
	72

2

:	8
80	
	9
40	
	7
48	
	8
24	
	4

3

·	80	88
3		
6		
7		
	320	
8		
10		
	720	
5		

4

:	80	10
160		
320		
640		
		40
720		
		24
480		
	7	

5 $8 + 7 =$

$38 + 7 =$

$938 + 7 =$

6 $6 + 9 =$

$46 + 9 =$

$446 + 9 =$

7 $\quad + 6 = 13$

$\quad + 6 = 93$

$\quad + 6 = 693$

8

	2	3	7
+	3	3	3
		1	
	5	7	0



Zur Kontrolle in
umgekehrter Richtung
rechnen.

9

	4	6	2
+	2	6	1

10

	3	7	7
+	4	0	5

11

	1	6	6
+	2	6	6

12

	3	8	8
+	4	0	9

13

	3	3	3
+	2	7	6

14

	4	5	6
+	3	4	5

15

0,99 €
+ 3,15 €
+ 2,55 €
+ 2,99 €

16

0,45 €
+ 0,89 €
+ 8,99 €
+ 1,09 €

17

11,08 €
+ 1,69 €
+ 0,79 €
+ 2,39 €

18

1,41 €
+ 1,69 €
+ 0,99 €
+ 1,39 €

19

5,45 €
+ 8,99 €
+ 1,19 €
+ 0,95 €

1

·	7
3	
	42
4	
	56
7	
	63
5	
	70

2

:	7
14	
	4
56	
	5
63	
	3
42	
	7

3

·	70	77
	0	
5		
	210	
6		
	280	
8		
	490	
9		

4

:	70	10
350		
	7	
210		
		7
560		
	6	
630		
		28

5 $13 - 6 =$

$53 - 6 =$

$353 - 6 =$

6 $12 - 9 =$

$72 - 9 =$

$672 - 9 =$

7 $\quad - 8 = 7$

$\quad - 8 = 87$

$\quad - 8 = 987$

8

	6	9	5
-	2	7	7
	4	1	8



9

	4	5	5
-	3	6	6

10

	5	2	3
-	2	6	6

11

	7	1	3
-	5	8	0

12

	8	8	0
-	4	6	6

13

	2	0	7
-		8	8

14

	9	8	3
-	7	9	9

15

67			7
74	54		
81	61	41	

16

			34
250			

-20

-50



Vorgänger		Nachfolger
999	1 000	1 001
	2 000	
	5 000	
8 999		
	4 099	
		3 401
	10 000	
		30 001
	60 000	
89 999		

Vorgänger		Nachfolger
	34 000	
36 998		
	38 400	
		45 100
	45 999	
49 998		
	50 000	
		59 450
	51 900	
53 009		

	8	0	0
-	6	7	5
	1	2	5

	9	1	2
-	8	7	6

	7	3	3
-	5	6	6

	9	0	2
-	2	7	8

	6	4	4
-	3	7	7

	7	2	0
-	5	6	9

	6	0	8
-	2	5	3

	6	7	0
-	4	8	9

	3	2	1
-	1	9	9

	8	0	4
-	7	9	6

			127
75	87	99	

Upward arrow: $+8$

Rightward arrow: $+12$

	63		93
30		60	

Upward arrow: $+9$

Rightward arrow: $+15$

1

	104	44
		88
4		
8		
	520	
0		
		396
3		
6		
7		
1		

2

:	40
40	
	5
120	
	6
160	
	8
280	
	9
400	
	2

3

:	4
14	3R2
23	
38	
24	
18	
3	
32	

$$3 \cdot 4 + 2 =$$

$$8 \cdot 4 + 1 =$$

$$10 \cdot 4 + 2 =$$

$$2 \cdot 4 + 3 =$$

4 ★

$$981 : 3 =$$

$$\begin{array}{r} 300 \quad 20 \quad 7 \\ 900 \overline{) 981} \end{array}$$

5 ★

$$968 : 8 =$$

6 ★

$$528 : 4 =$$

$$426 : 3 =$$

$$726 : 6 =$$

$$784 : 7 =$$

$$665 : 5 =$$

$$999 : 9 =$$

$$744 : 6 =$$

7

	1	2	7	9	9
-		5	3	4	6

8

	9	0	0	0	0
-		6	5	8	0

9

	4	7	3	3	1
-		8	5	9	9

1

:	6
60	
	9
30	
	7
18	
	6
48	
	4

2

:	60	6
120		
300		
	3	
	6	
480		
		70
540		
240		

3

:	6
20	3R2
39	
47	
25	
52	
8	

$$3 \cdot 6 + 2 =$$

$$0 \cdot 6 + 2 =$$

$$3 \cdot 6 + 5 =$$

4

$$637 + 9 =$$

$$637 + 90 =$$

$$637 + 900 =$$

$$637 + 990 =$$

5

$$445 + 9 =$$

$$445 + 90 =$$

$$445 + 900 =$$

$$445 + 990 =$$

6

$$888 + 9 =$$

$$888 + 90 =$$

$$888 + 900 =$$

$$888 + 990 =$$

7

$$+ 350 = 762$$

$$762 - 350 =$$

8

$$+ 420 = 583$$

9

$$+ 190 = 730$$

10

$$+ 530 = 795$$

11

$$+ 810 = 945$$

12

$$+ 270 = 640$$

13

			7
	71		

$\uparrow$ -7
 $\rightarrow$ -25

14

673				273

$\uparrow$ -9
 $\rightarrow$ -100

1

:	8
16	
	4
64	
	5
72	
	3
48	
	7

2

:	80	8
800		
	9	
		50
560		
		60
	8	
240		
		40

3

:	8
21	<i>2 R 5</i>
63	
30	
65	

$$2 \cdot 8 + 5 =$$

$$5 \cdot 8 + 2 =$$

$$4 \cdot 8 + 1 =$$

$$6 \cdot 8 + 3 =$$

$$9 \cdot 8 + 4 =$$

4

$$718 - 6 =$$

$$718 - 60 =$$

$$718 - 600 =$$

$$718 - 606 =$$

5

$$503 - 4 =$$

$$503 - 40 =$$

$$503 - 400 =$$

$$503 - 440 =$$

6

$$997 - 9 =$$

$$997 - 90 =$$

$$997 - 900 =$$

$$997 - 992 =$$

7

$$\quad - 253 = 170$$

$$170 + 253 =$$

8

$$\quad - 320 = 516$$

9

$$\quad - 650 = 230$$

10

$$\quad - 607 = 293$$

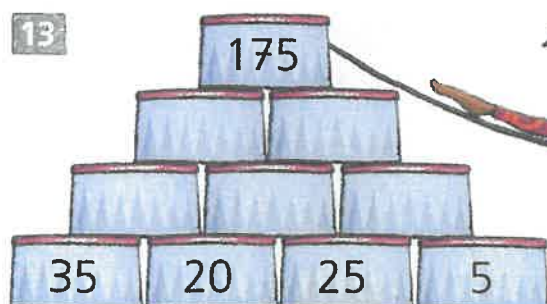
11

$$\quad - 599 = 101$$

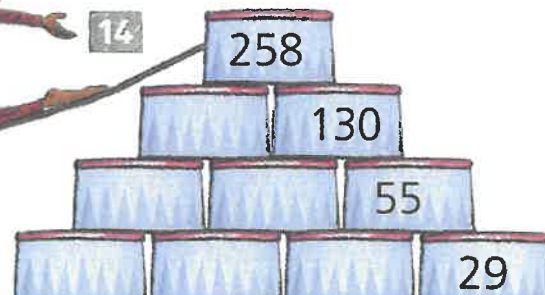
12

$$\quad - 128 = 870$$

13



14



1

:	9
	3
54	
	7
36	
	8
90	
	9
45	
	2

2

:	90	10
360		
720		
		90
	7	
		45
810		
180		
	6	
270		

3

:	9
55	
20	
86	
40	
70	
33	

$$10 \cdot 9 + 4 =$$

$$0 \cdot 9 + 7 =$$

$$8 \cdot 9 + 5 =$$

4

$$265 + \quad = 420$$

$$35/120$$

5

$$420 - \quad = 265$$

$$20/100/35$$

6

$$\quad : 19 = 7$$

$$7 \cdot 19 =$$

$$432 + \quad = 615$$

$$615 - \quad = 432$$

$$\quad : 90 = 5$$

$$375 + \quad = 580$$

$$580 - \quad = 375$$

$$\quad : 18 = 4$$

$$866 + \quad = 990$$

$$990 - \quad = 866$$

$$\quad : 70 = 8$$

7

	1	2	8	0	0
-		6	4	8	8

8

	8	7	3	5	6
-	2	9	5	3	3

9

	1	0	0	0	0
-		8	3	6	7

.	30		16	47		75	100	500
3		36			270			
	180							
8								
	300							

$$304 - 299 =$$

$844 - 497 =$

$$698 - 446 =$$

$$\begin{array}{r} 1,99 \text{ €} \\ + 2,50 \text{ €} \\ + 6,20 \text{ €} \\ + 0,48 \text{ €} \\ + 1,17 \text{ €} \\ \hline \end{array}$$

$$\begin{array}{r} 25,80 \text{ EUR} \\ + 1,50 \text{ EUR} \\ + 16,40 \text{ EUR} \\ + 3,99 \text{ EUR} \\ + 0,60 \text{ EUR} \\ \hline \end{array}$$

$$\begin{array}{r} 125, - \text{ €} \\ + 68, - \text{ €} \\ + 320, - \text{ €} \\ + 75, - \text{ €} \\ \hline \end{array}$$

$$\begin{array}{r} 0,99 \text{ EUR} \\ + 2,99 \text{ EUR} \\ + 6,50 \text{ EUR} \\ + 11,24 \text{ EUR} \\ + 0,16 \text{ EUR} \\ \hline \end{array}$$

33			135

Vertical arrow: $+8$

Horizontal arrow: $+34$

				24
		112		
			80	

Vertical arrow: -8

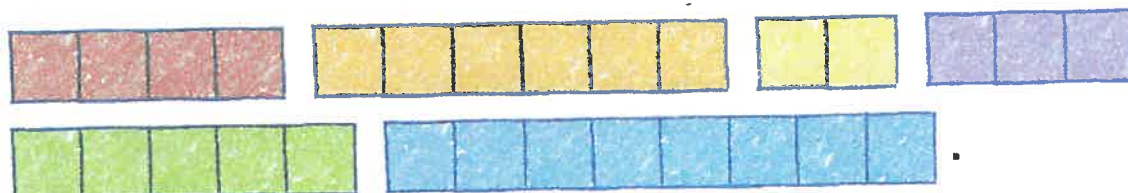
Horizontal arrow: -40

Die große Rätselseite



A	B	D	E	H	I	K	L	N	O	R	S	T	U
0	1	4	7	9	50	60	70	90	143	198	240	440	462

143 · 1 =		320 : 80 =		240 : 4 =	
77 : 77 =		7 · 66 =		0 · 99 =	
420 : 60 =		83 - 79 =		6 · 33 =	
188 - 98 =		630 : 90 =		280 : 70 =	
8 · 30 =		720 : 8 =		450 : 9 =	
300 : 6 =		3 · 66 =		0 + 90 =	
490 : 70 =		87 + 56 =		0 : 60 =	
270 : 30 =		5 · 88 =		350 : 5 =	
10 · 24 =		350 : 50 =			
512 - 72 =		630 : 7 =			



1

$$16\,000 \cdot 5 = 80\,000$$

$$12\,000 \cdot 6 =$$

$$8\,000 \cdot 4 =$$

$$15\,000 \cdot 3 =$$

$$3\,000 \cdot 8 =$$

$$14\,000 \cdot 5 =$$

$$5\,000 \cdot 7 =$$

$$\text{Zuerst: } 16 \cdot 5 = 80$$

$$\text{dann: } 80 \cdot 1\,000 = 80\,000$$



2

$$25\,000 \cdot 2 =$$

$$9\,000 \cdot 7 =$$

$$18\,000 \cdot 9 =$$

$$7\,000 \cdot 8 =$$

$$32\,000 \cdot 3 =$$

3

·	60	6000	600
2			
4			
6			
8			

4

·	80	800	8000
10			
	240		
7			
		4000	

5

·	90	9000	900
9			
7			
		36000	
	720		

6

·	70	700	7000
3			
5			
			49000
	630		

7



$$385 + 199 =$$

$$384 + 200 =$$

$$238 + 399 =$$

8



$$627 + 299 =$$

$$143 + 699 =$$

9



$$492 + 398 =$$

$$758 + 298 =$$

