Aufgaben aus dem ÜBUNGSHEFT

Denk- und Rechentraining

für die

3. Klasse

Name:

1 5er

5	10									

2

1 · 5 =	5	5 · 1 = 5
2 · 5 =		5 · 2 =
3 · 5 =		5 · 3 =
· =		
· =		
· =		
· =		
· =		
· =		
· =		

3

40 : 5 =	8	8 · 5 = 40
20 : 5 =		· 5 = 20
10 : 5 =		· 5 = 10
0 : 5 =		
50 : 5 =		
45 : 5 =		
25 : 5 =		
15 : 5 =		
30 : 5 =		
35 : 5 =		

4

·	0	1		3	4		6	7		9	10	11
5	0		10			25			40			

5

5 + 10 =	
15 + 10 =	
45 + 10 =	
75 + 10 =	

6

7 + 20 =	
17 + 20 =	
57 + 20 =	
77 + 20 =	

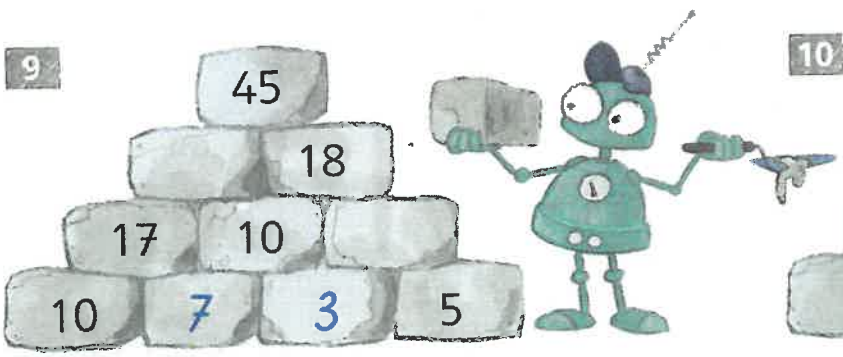
7

18 − 10 =	
38 − 10 =	
78 − 10 =	
98 − 10 =	

8

26 − 20 =	
46 − 20 =	
56 − 20 =	
86 − 20 =	

9



10

1 7er

7	14									

2

1 · 7 =	7	7 · 1 = 7	
2 · 7 =		7 · 2 =	
3 · 7 =		7 · 3 =	
· =			
· =			
· =			
· =			
· =			
· =			
· =			

3

70 : 7 =	10	10 · 7 = 70
14 : 7 =		· 7 = 14
35 : 7 =		· 7 = 35
21 : 7 =		
28 : 7 =		
56 : 7 =		
7 : 7 =		
42 : 7 =		
63 : 7 =		
49 : 7 =		

4

·	5		2	3	6	9		4	8		7	11
5		50					0			5		
10												
	10		4									

5

14 − 10 =	
24 − 10 =	
34 − 10 =	

6

39 − 30 =	
59 − 30 =	
69 − 30 =	

7

17 + 10 =	
37 + 10 =	
67 + 10 =	

8

13 + 40 =	
23 + 40 =	
53 + 40 =	

9

57 − 10 =	
57 − 30 =	
57 − 50 =	

10

83 − 10 =	
83 − 40 =	
83 − 70 =	

11

14 + 10 =	
14 + 50 =	
14 + 80 =	

12

48 + 10 =	
48 + 20 =	
48 + 40 =	

1

·	10	9	0	5		4	8		3	6	7	
7					14			7				77
	20											
5												

2

2 · 7 = 14 14 : 7 = 2

· 7 = 35 35 : 7 = _____

· 7 = 70 70 : 7 = _____

· 7 = 21 _____

· 7 = 49 _____

3

42 : 7 = · 7 = 42

28 : 7 = · 7 = 28

0 : 7 = · 7 = 0

63 : 7 = _____

56 : 7 = _____

4

6 + 6 =

16 + 6 =

56 + 6 =

5

8 + 8 =

18 + 8 =

38 + 8 =

6

9 + 9 =

19 + 9 =

79 + 9 =

7

7 + 7 =

17 + 7 =

47 + 7 =

8

14 − 7 =

24 − 7 =

34 − 7 =

9

12 − 6 =

42 − 6 =

82 − 6 =

10

16 − 8 =

56 − 8 =

96 − 8 =

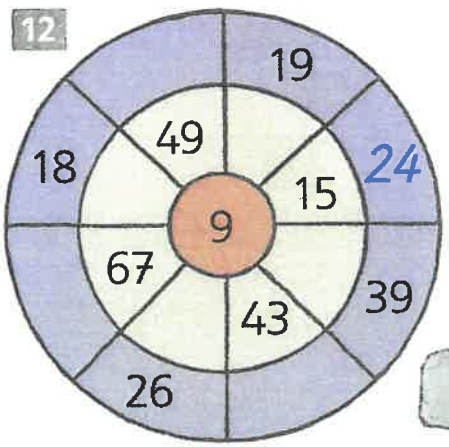
11

18 − 9 =

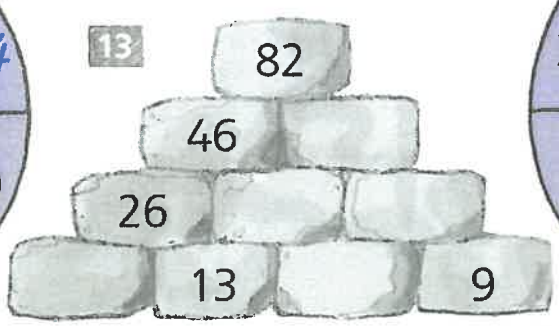
38 − 9 =

78 − 9 =

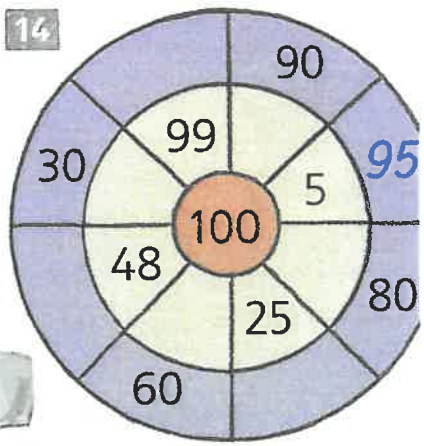
12



13



14



1 9er

9									

2

1 · 9 =	9	9 · 1 = 9
2 · 9 =		9 · 2 =
3 · 9 =		9 · 3 =
· =		
· =		
· =		
· =		
· =		
· =		
· =		

3

· 9 = 54	54 : 9 =
· 9 = 36	36 : 9 =
· 9 = 18	18 : 9 =
· 9 = 0	
· 9 = 27	
· 9 = 72	
· 9 = 45	
· 9 = 81	
· 9 = 63	
· 9 = 90	

4

+	3	5		14	23
5			15		
15					
35					
	78				

5

−	4		10	15	40
18		10			
48					
	64				
78					

6

6 + 7 =
16 + 7 =

3 + 9 =
23 + 9 =
43 + 9 =

7

9 + 5 =
19 + 5 =

8 + 3 =
38 + 3 =
58 + 3 =

8

12 − 6 =
22 − 6 =

15 − 8 =
35 − 8 =
65 − 8 =

9

14 − 7 =
24 − 7 =

16 − 8 =
56 − 8 =
86 − 8 =

1

·	9	5		7	10
5			10		
10					
9					
	18				

2

·	9	5	2	7	
3					30
6					
			16		
7					

3

90 : 9 = 10 — 90 : 10 = 9

18 : 9 = ___ — 18 : ___ = 9

45 : 9 = ___ — 45 : ___ = 9

27 : 9 = ___ — ___

9 : 9 = ___ — ___

4

36 : 9 = ___ — ___

81 : 9 = ___ — ___

54 : 9 = ___ — ___

72 : 9 = ___ — ___

63 : 9 = ___ — ___

5

+	2		8	10	12		50	55	58	60	67
15		20				30					
	20										

6

4 + 8 = ___

44 + 8 = ___

9 + 2 = ___

69 + 2 = ___

7

6 + 8 = ___

76 + 8 = ___

5 + 7 = ___

55 + 7 = ___

8

11 − 5 = ___

41 − 5 = ___

17 − 9 = ___

77 − 9 = ___

9

13 − 6 = ___

63 − 6 = ___

18 − 9 = ___

88 − 9 = ___

10

34	8	42
12	32	
46		86

11

56		70
14		
		95

12

	48	
15	17	
		100

1 3er

3										

2

1 · 3 =	3	3 · 1 = 3
2 · 3 =		3 · 2 =
3 · 3 =		3 · 3 =
· =		
· =		
· =		
· =		
· =		
· =		
· =		

3

24 : 3 =	8	8 · 3 = 24
3 : 3 =		· 3 = 3
12 : 3 =		· 3 = 12
30 : 3 =		
6 : 3 =		
15 : 3 =		
27 : 3 =		
9 : 3 =		
21 : 3 =		
18 : 3 =		

4

–	3	5	7		11	15		65	70	74	77
95				85			35				
100	97			90							

5

3 + 8 =	
13 + 8 =	
5 + 6 =	
35 + 6 =	

6

8 + 4 =	
28 + 4 =	
9 + 6 =	
89 + 6 =	

7

11 – 3 =	
21 – 3 =	
14 – 6 =	
44 – 6 =	

8

17 – 8 =	
27 – 8 =	
11 – 8 =	
81 – 8 =	

9

53	8	45
30	8	
23		23

10

75		50
32	12	
		30

11

	16	32
	8	
36		28

Die große Rätselseite

B	C	D	E	G	H	I	K	L	M	N	R	S	Ü	W	Z
0	1	5	9	28	36	42	54	55	56	63	72	79	80	81	100

77 + 4 =	81	W	45 : 5 =			7 · 4 =		
6 · 7 =			48 − 6 =			81 : 9 =		
8 · 9 =			9 · 7 =			22 + 41 =		
87 + 13 =			1 · 1 =			40 : 8 =		
9 · 9 =			9 · 4 =			7 · 6 =		
36 : 4 =			27 : 3 =			63 + 9 =		
66 − 24 =			7 · 9 =			4 · 7 =		
83 − 4 =			0 : 8 =			23 + 32 =		
6 : 6 =			9 · 8 =			10 · 8 =		
4 · 9 =			62 − 20 =			5 : 5 =		
100 − 19 =			57 + 6 =			6 · 9 =		

W

!

1 6er

6										

2

1 · 6 =	6	6 · 1 = 6
2 · 6 =		6 · 2 =
3 · 6 =		6 · 3 =
· =		
· =		
· =		
· =		
· =		
· =		
· =		

3

6 : 6 =	1	1 · 6 = 6
36 : 6 =		· 6 = 36
24 : 6 =		· 6 = 24
42 : 6 =		
12 : 6 =		
60 : 6 =		
54 : 6 =		
18 : 6 =		
30 : 6 =		
48 : 6 =		

4

+	3	9	20	23		35	40	47	60	63	
17					47						97

5

8 + 8 =	
48 + 8 =	
9 + 3 =	
29 + 3 =	

6

4 + 7 =	
64 + 7 =	
2 + 9 =	
12 + 9 =	

7

12 − 8 =	
52 − 8 =	
17 − 9 =	
77 − 9 =	

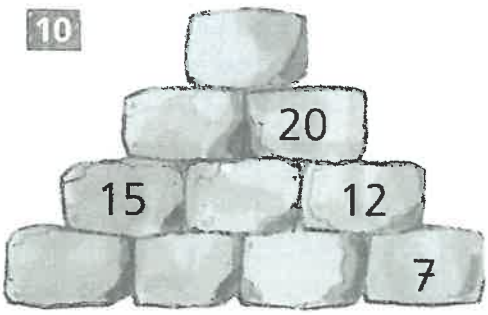
8

15 − 6 =	
95 − 6 =	
12 − 7 =	
42 − 7 =	

9

17	15	
	9	
	24	62

10



11

100		45
24		
		41

1 4er

4									

2

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

3

: 4 = 2	2 · 4 =
: 4 = 4	4 · 4 =
: 4 = 8	8 · 4 =
: 4 = 3	
: 4 = 6	
: 4 = 9	
: 4 = 10	
: 4 = 5	
: 4 = 7	

4

43 + 38 =

42 + 39 =

41 + 40 =

5

28 + 64 =

29 + 63 =

30 + 62 =

6

25 + 58 =

24 +

23 +

7

74 − 32 =

73 − 31 =

72 − 30 =

8

48 − 26 =

49 − 27 =

50 − 28 =

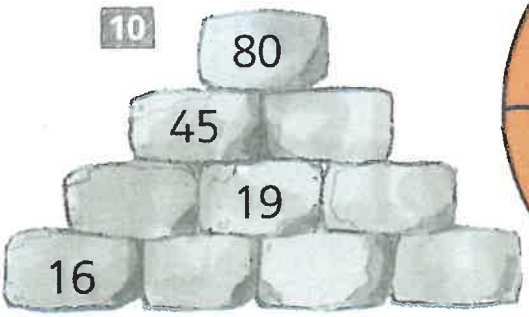
9

93 − 78 =

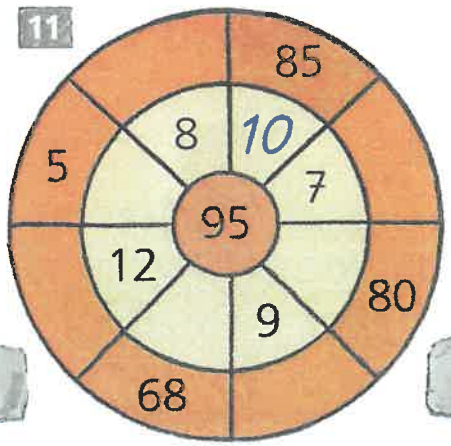
94 −

95 −

10



11



12

Der 1. Rechenmeister

10 min

1

3 · 5 = ___
7 · 5 = ___
0 · 4 = ___
9 · 4 = ___

2

3 · 3 = ___
8 · 3 = ___
6 · 6 = ___
4 · 6 = ___

3

7 · 7 = ___
3 · 7 = ___
6 · 7 = ___
9 · 7 = ___

4

2 · 8 = ___
5 · 8 = ___
9 · 9 = ___
6 · 9 = ___

5

12 : 2 = ___ · 2 = 12
27 : 3 = ___ · 3 = 27
28 : 4 = ___ _____
0 : 5 = ___ _____

6

48 : 6 = ___ · 6 = 48
70 : 7 = ___ _____
56 : 7 = ___ _____
45 : 9 = ___ _____

7

+	3		7	40	75
25		30			

8

–	4	6		50	66
86			76		

9

6 + 6 = ___
16 + 6 = ___
9 + 4 = ___
49 + 4 = ___

10

8 + 5 = ___
28 + 5 = ___
3 + 9 = ___
53 + 9 = ___

11

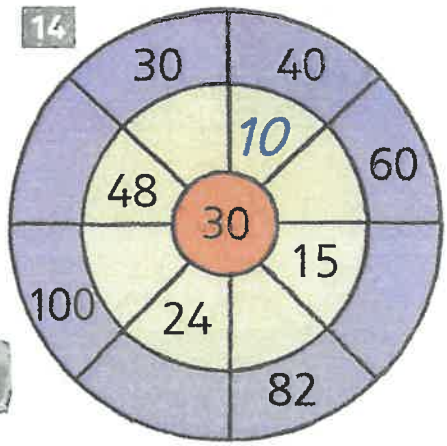
16 – 8 = ___
26 – 8 = ___
12 – 7 = ___
42 – 7 = ___

12

12 – 4 = ___
42 – 4 = ___
18 – 9 = ___
58 – 9 = ___

13

14

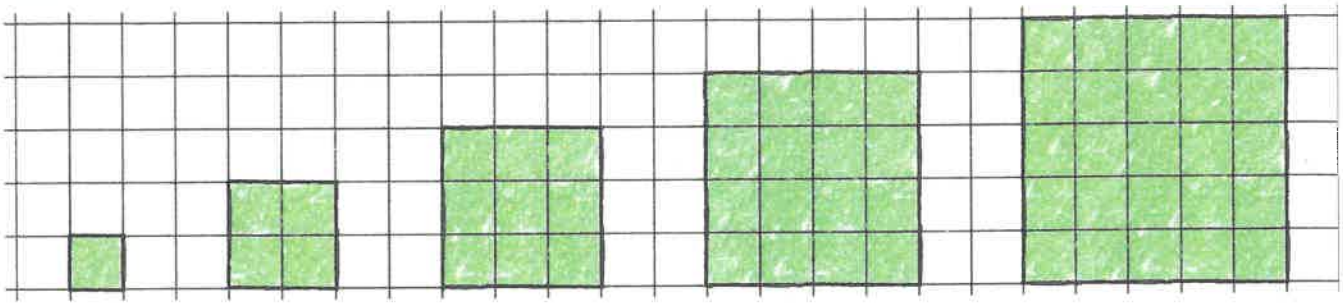


15

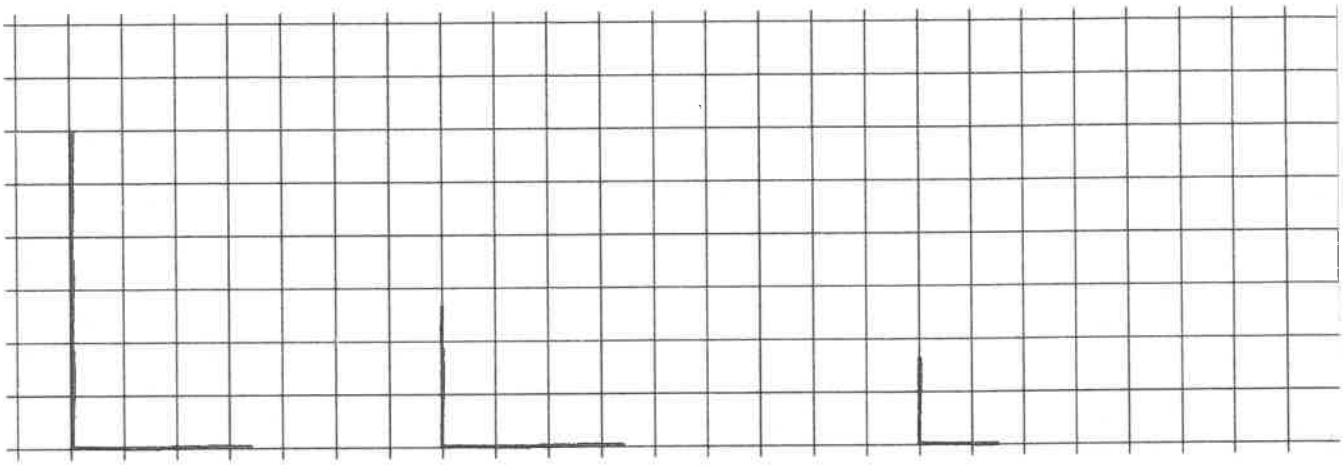
43		63
75		100

Rund um die Mathematik

1 Finde die Regel und setze fort.



$1 \cdot 1 = 1$ $2 \cdot 2 =$ $3 \cdot 3 =$ $4 \cdot 4 =$ $\cdot$ $=$



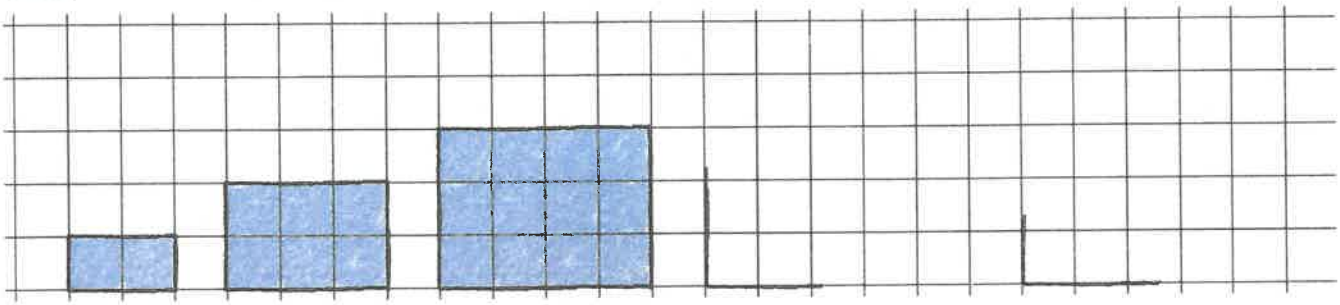
$\cdot$ $=$ $\cdot$ $=$ $\cdot$ $=$

Quadratzahlen:

1	4	9							100

+3 +5 + + + + + + +

2 Finde die Regel und setze fort.



$1 \cdot 2 = 2$ $2 \cdot 3 =$ $3 \cdot 4 =$ $4 \cdot 5 =$ $\cdot$ $=$

Rechteckzahlen:

2	6	12							110

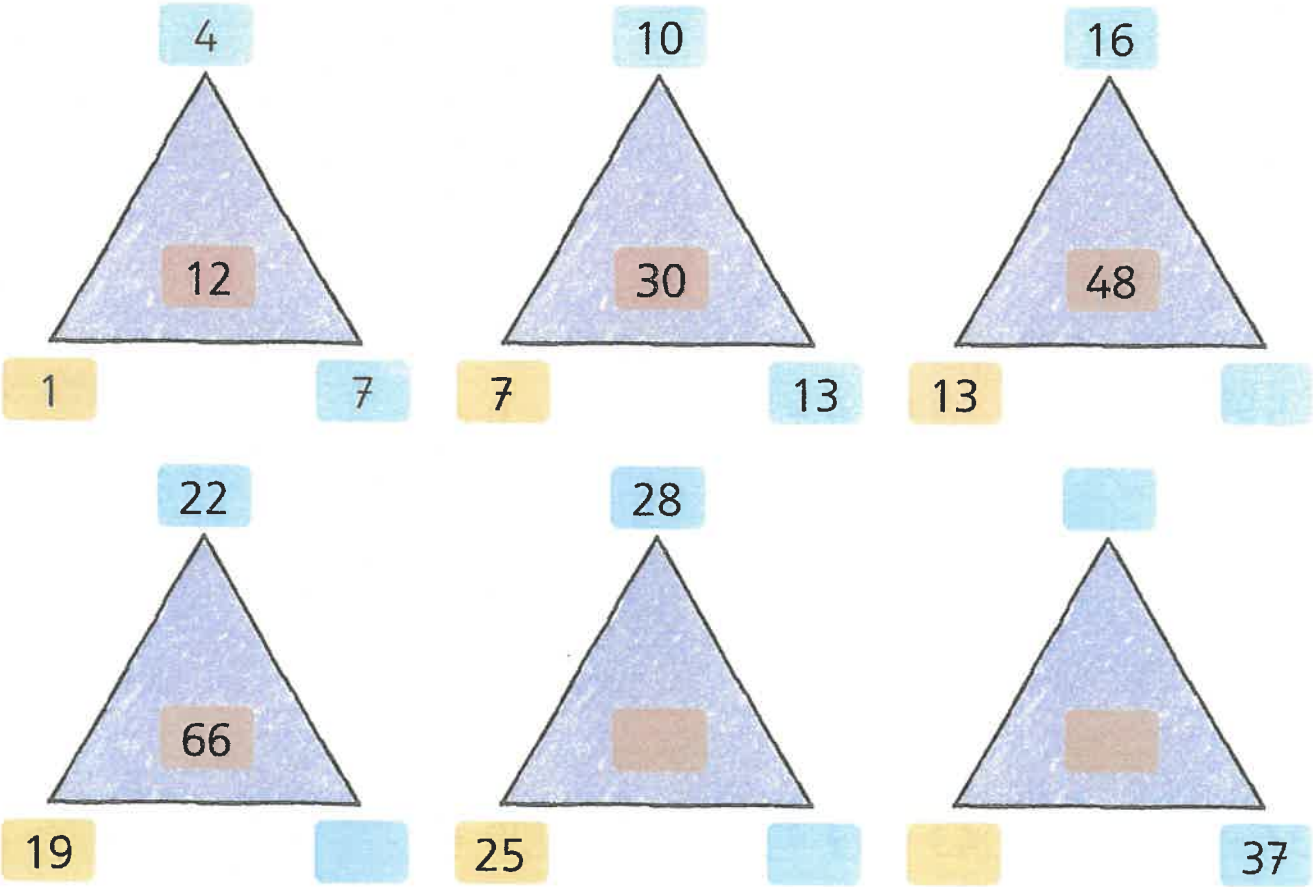
+4 +6 + + + + + + +

3 Tom kauft eine Lok.
Er bezahlt mit 6 Scheinen und bekommt zurück:

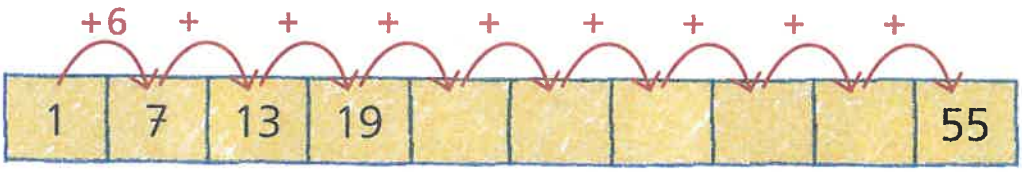
Mit welchen Geldscheinen hat er bezahlt?

€	€	€	€	€	€

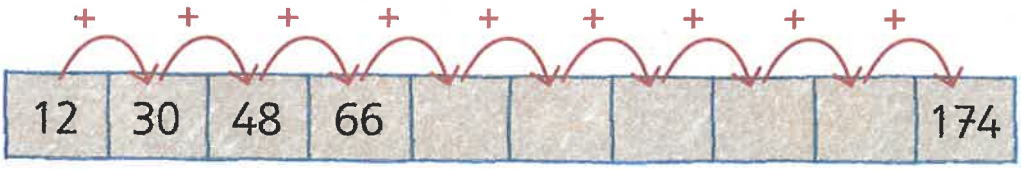
4 Finde die Regel und setze fort. Die -Zahlen und -Zahlen helfen dir.



-Zahlen:



-Zahlen:



1 8er

8										

2

1 · 8 =		8 · 1 = 8
2 · 8 =		8 · 2 =
· =		
· =		
· =		
· =		
· =		
· =		
· =		
· =		

3

80 : 8 =	10	10 · 8 = 80
72 : 8 =		
16 : 8 =		
32 : 8 =		
64 : 8 =		
24 : 8 =		
48 : 8 =		
0 : 8 =		
56 : 8 =		
40 : 8 =		

4

5 + 8 =	
65 + 8 =	
75 + 18 =	

5

9 + 4 =	
39 + 4 =	
49 + 14 =	

6

13 − 6 =	
93 − 6 =	
93 − 16 =	

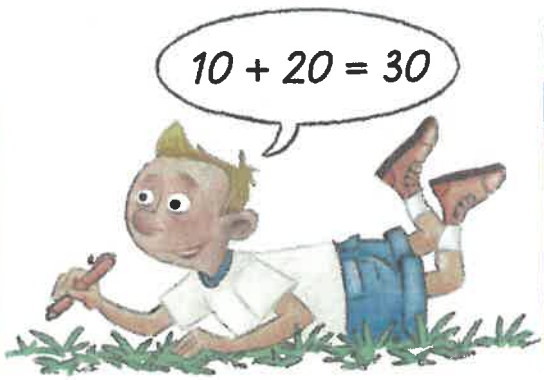
7

16 − 8 =	
76 − 8 =	
96 − 18 =	

7 + 6 =		3 + 7 =		12 − 9 =		12 − 6 =	
17 + 6 =		23 + 7 =		22 − 9 =		62 − 6 =	
37 + 26 =		43 + 17 =		52 − 29 =		72 − 16 =	

8

17	27	10
26		30
9	29	20



9

12		65
58		5

1 5er

5									

2

· 5 = 40

5 · = 40

· 5 = 15

5 · = 15

· 5 = 35

· 5 = 45

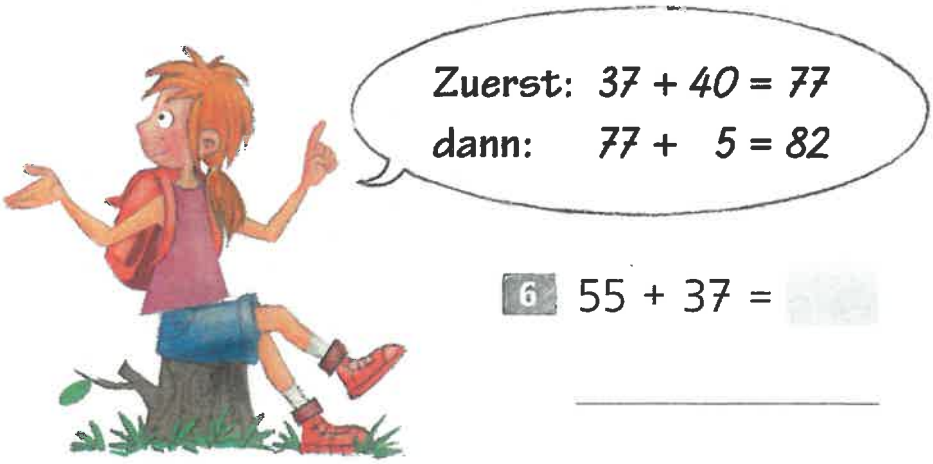
· 5 = 30

3

25 : 5 =	5	5 · 5 = 25
27 : 5 =	5 R 2	5 · 5 + 2 =
29 : 5 =		
30 : 5 =		
31 : 5 =		
33 : 5 =		
35 : 5 =		
37 : 5 =		
38 : 5 =		
39 : 5 =		

4 37 + 45 = 82

77/82



5 28 + 36 =

6 55 + 37 =

7 16 + 76 =

8 48 + 44 =

9 27 + 63 =

10

38 60
28 33 5

11

24 37 13
40 14

12

50
45
29 29

1 3er

3										

2

	· 3	= 18		
3	·	= 18		
	· 3	= 12		
3	·	= 12		
	· 3	= 21		
	· 3	= 27		
	· 3	= 24		

3

30 : 3 =	10	10 · 3 = 30
32 : 3 =	10 R 2	10 · 3 + 2 =
9 : 3 =		
10 : 3 =		
15 : 3 =		
17 : 3 =		
18 : 3 =		
19 : 3 =		
21 : 3 =		
23 : 3 =		

4 82 − 45 = 37

42/37

5 92 − 61 =

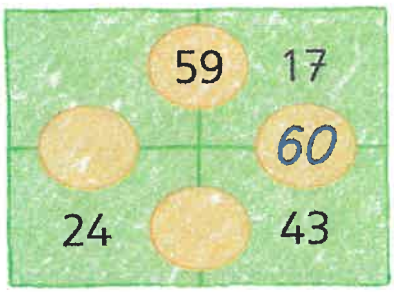
6 68 − 37 =

7 93 − 58 =

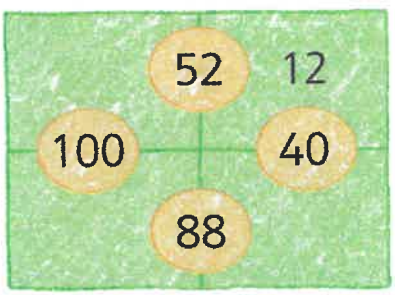
8 62 − 47 =

9 81 − 76 =

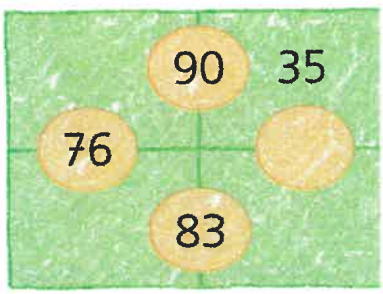
10



11



12



1 6er

6										

2

_____ · 6 = 24

6 · _____ = 24

_____ · 6 = 12

6 · _____ = 12

_____ · 6 = 48

_____

_____ · 6 = 36

_____

_____ · 6 = 54

_____

3

12 : 6 = 2	2 · 6 = 12
13 : 6 = 2 R 1	2 · 6 + 1 =
14 : 6 =	
15 : 6 =	
17 : 6 =	
18 : 6 =	
19 : 6 =	
20 : 6 =	
21 : 6 =	
22 : 6 =	

4

45 + 27 = _____

44 + 28 = _____

43 + _____

42 + _____

5

83 − 56 = _____

82 − 55 = _____

81 − _____

_____

6

77 − 25 = _____

78 − 26 = _____

79 − _____

_____

7

+	3	
3		11
23		
7		
87		
9		
	82	

8

+	10	
1		10
41		
6		
86		
9		
	49	

9

−	3
11	
51	
15	
	82
18	
98	

10

−	5	
13		3
53		
8		
	43	
12		
32		

1

:	6
6	1
9	1 R 3
12	
16	
30	
32	
34	
48	
49	
53	

$1 \cdot 6 = 6$

$1 \cdot 6 + 3 =$

2

:	6
36	6
40	6 R 4
38	
54	
59	
55	
42	
46	

$6 \cdot 6 =$

$6 \cdot 6 + 4 =$

$4 \cdot 6 =$

$4 \cdot 6 + 3 =$

3

–	8	
20		2
21		
46		
52		
	70	
	56	

4

+	7		17
	47		
56			
24		34	
45			
39			
	90		100

5

–		29
40	31	
45		
28		
94		
57		
100		

6

75 90

12 60 48

7

19 99

77 88

66

8

1 4er

4										

2

:	4
40	10
41	10 R1
43	
16	
19	
28	
29	
31	

$10 \cdot 4 =$

$10 \cdot 4 + 1 =$

3

:	4
8	2
9	2 R1
36	
38	
24	
27	

$2 \cdot 4 =$

$2 \cdot 4 + 1 =$

$6 \cdot 4 + 1 =$

$7 \cdot 4 + 1 =$

4

67 + 5 =

67 + 15 =

35 + 6 =

35 + 16 =

44 + 9 =

44 + 29 =

5

65 − 8 =

65 − 18 =

88 − 9 =

88 − 19 =

56 − 7 =

56 − 27 =

6

33 + 9 =

33 + 19 =

57 + 6 =

57 + 16 =

35 + 9 =

35 + 29 =

7

86 − 8 =

86 − 28 =

51 − 6 =

51 − 16 =

78 − 9 =

78 − 19 =

8

96 54 42

96 − 54 = 42

96 − 42 =

42 + 54 =

54 + 42 =

9

36 9

36 : 9 =

36 : = 9

9 · = 36

· 9 = 36

10

53 29

53 + =

+ =

− =

− =

1 8er

8									

2

5 · 8 = ____ 8 · 5 = ____

3 · 8 = ____ 8 · 3 = ____

6 · 8 = ____ ____

9 · 8 = ____ ____

3

2 · 8 = ____ ____

4 · 8 = ____ ____

8 · 8 = ____ ____

7 · 8 = ____ ____

4

·		8		6	9
2	8		6		
4					
	12		9		

5

·	4	8		6	9
9			27		
8					
	20		15		

6

58 + 5 = ____

58 + 35 = ____

22 + 9 = ____

22 + 49 = ____

77 + 7 = ____

77 + 17 = ____

7

64 − 6 = ____

64 − 36 = ____

71 − 2 = ____

71 − 42 = ____

45 − 8 = ____

45 − 38 = ____

8

47 + 6 = ____

47 + 36 = ____

28 + 9 = ____

28 + 29 = ____

66 + 8 = ____

66 + 28 = ____

9

98 − 9 = ____

98 − 39 = ____

54 − 8 = ____

54 − 18 = ____

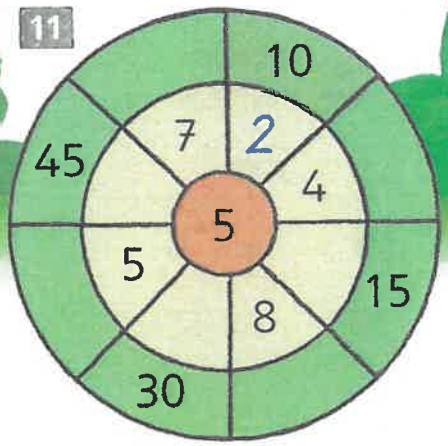
61 − 4 = ____

61 − 44 = ____

10

	43	18
	23	9

11



12

41		55
72		95

1

:	8
80	10
85	10 R 5
16	
18	
40	
46	
72	
76	
24	
27	
29	

$10 \cdot 8 =$

$10 \cdot 8 + 5 =$

2

:	8
64	8
65	8 R 1
32	
39	
48	
52	
0	
5	

$8 \cdot 8 =$

$8 \cdot 8 + 1 =$

$7 \cdot 8 =$

$7 \cdot 8 + 4 =$

$7 \cdot 8 + 7 =$

3

4 + 2 =

40 + 20 =

400 + 200 =

4

5 + 4 =

50 + 40 =

500 + 400 =

5

6 + 3 =

60 + 30 =

600 + 300 =

6

7 − 4 =

70 − 40 =

700 − 400 =

7

9 − 2 =

90 − 20 =

900 − 200 =

8

8 − 4 =

80 − 40 =

800 − 400 =

9

3 + 5 =

30 + 50 =

300 + 500 =

10

8 − 3 =

80 − 30 =

800 − 300 =

11

4 + 5 =

40 + 50 =

400 + 500 =

Die große Rätselseite

B	C	D	E	F	G	H	I	K	L	N	O	P	R	S	T
4	5	7	8	9	18	24	36	42	45	48	56	59	64	72	90

42 : 6 =

6 · 6 =

32 : 4 =

9 · 8 =

56 : 7 =

94 – 30 =

27 : 3 =

18 + 18 =

96 – 24 =

30 : 6 =

3 · 8 =

2 · 9 =

64 : 8 =

9 · 5 =

32 : 8 =

48 : 6 =

2 · 32 =

8 · 9 =

72 : 9 =

88 – 70 =

24 : 3 =

45 · 1 =

54 : 6 =

13 + 32 =

7 · 8 =

36 + 36 =

99 – 27 =

40 : 5 =

8 · 6 =

56 : 8 =

1 · 56 =

6 · 7 =

45 + 45 =

28 + 28 =

64 : 1 =

heißt

-

.

1 7er

7										

2

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

3

14 : 7 =		· 7 = 14
28 : 7 =		· 7 = 28
70 : 7 =		
0 : 7 =		
49 : 7 =		
21 : 7 =		
56 : 7 =		

4

	− 64 = 20	20 + 64 =
	− 35 = 16	
	− 47 = 33	
	− 51 = 28	

5

	+ 28 = 40	40 − 28 =
	+ 62 = 75	
	+ 35 = 52	
	+ 57 = 99	

6

+	6
14	
114	
314	

7

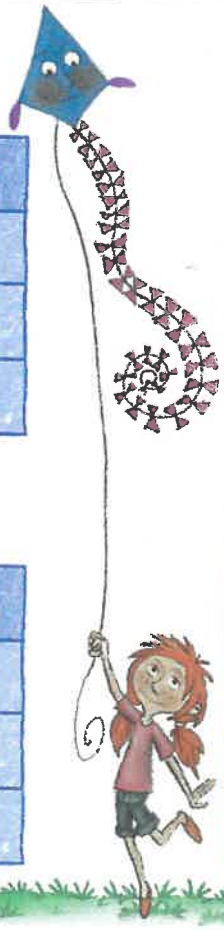
+	2
48	
248	
	650

8

−	5
65	
365	
765	

9

−	3
43	
543	
	940



10

+	7
16	
116	
216	

11

+	8
27	
127	
	535

12

−	6
51	
451	
851	

13

−	7
74	
574	
	967

1

:	7
14	2
17	2 R 3
49	
50	
35	
41	
63	
66	
69	

$2 \cdot 7 =$

$2 \cdot 7 + 3 =$

2

:	7
25	3 R 4
10	
58	
33	
59	
8	
39	

$3 \cdot 7 + 4 =$

$7 \cdot 7 + 3 =$

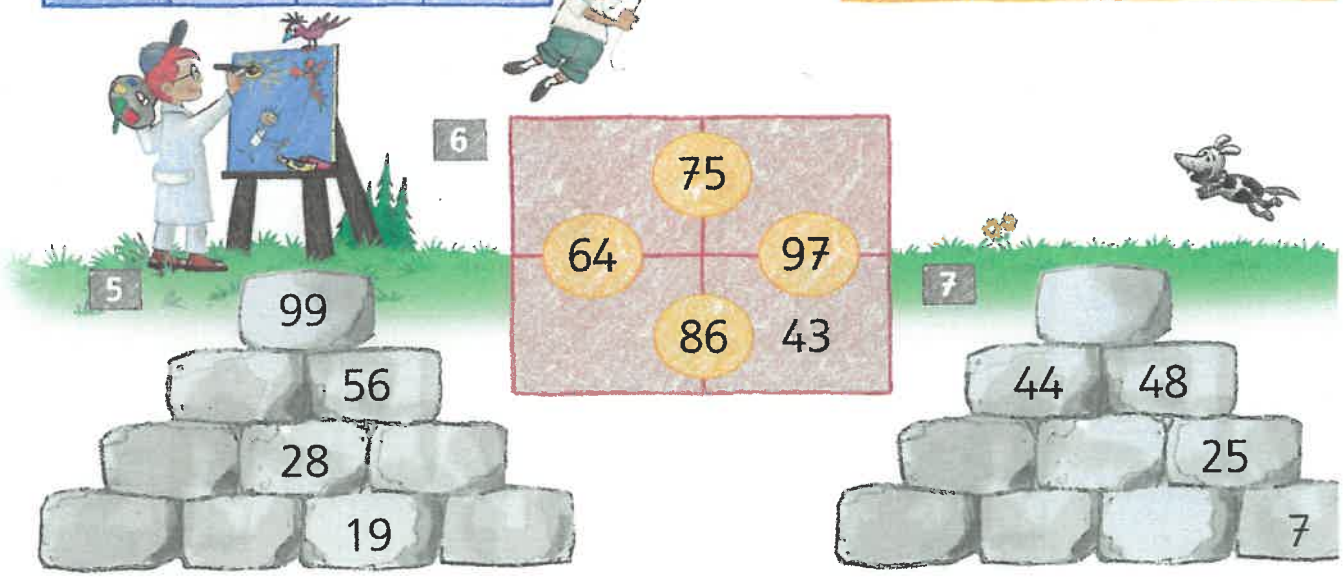
$8 \cdot 7 + 1 =$

3

+	5	8	
2			12
	57		
452			
5			
35			
235			

4

–		7	10
6	1		
36			
436			
13			
113			
			903



Der 2. Rechenmeister

10 min

1

·	10	9	7	0	
9					36
7					28

2

·	3	6	5	8	7
6					
	24		40		

3

15 : 3 = _____

16 : 3 = R _____

35 : 5 = _____

38 : 5 = R _____

16 : 2 = _____

17 : 2 = R _____

4

40 : 4 = _____

42 : 4 = _____

28 : 4 = _____

31 : 4 = _____

42 : 6 = _____

47 : 6 = _____

5

32 : 8 = _____

35 : 8 = _____

72 : 8 = _____

79 : 8 = _____

56 : 7 = _____

: 7 = 8 R 6

6

200 + 300 = ____

600 + 100 = ____

500 + 400 = ____

7

800 − 300 = ____

900 − 200 = ____

600 − 600 = ____

8

600 + 400 = ____

1 000 − 100 = ____

200 + 800 = ____

9

70 − 15 = ____

100 − 70 = ____

90 − 36 = ____

10

44 + 18 = ____

32 + 46 = ____

57 + 29 = ____

11

83 − 14 = ____

64 − 26 = ____

91 − 57 = ____

12

34		50
7	43	
		100

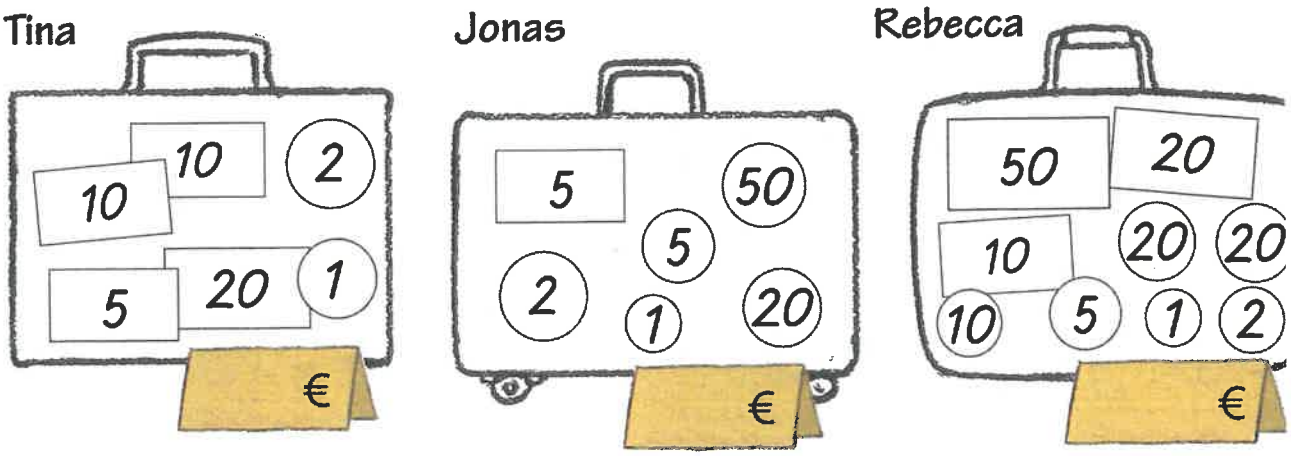
13

14

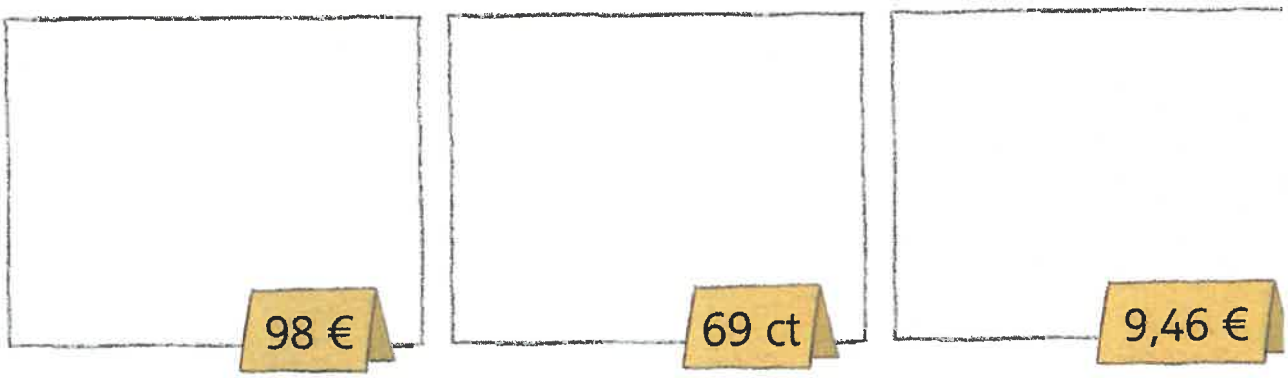
	38	22
19		0
		22

Rund um die Mathematik

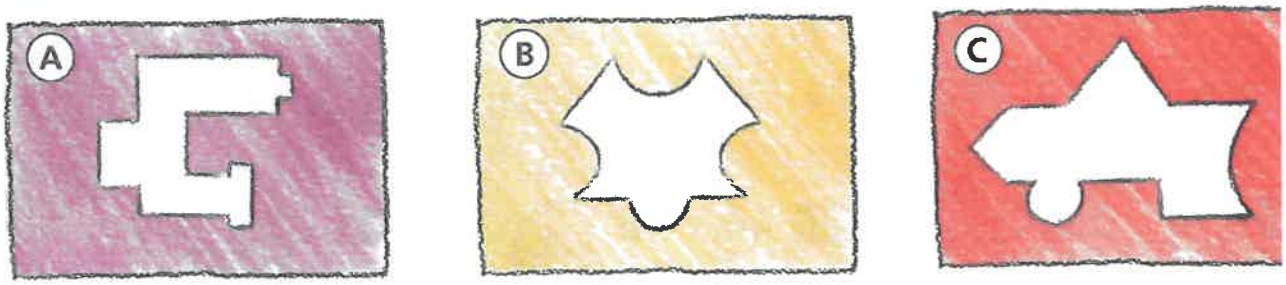
1 Wie viel Geld haben die Kinder gespart?

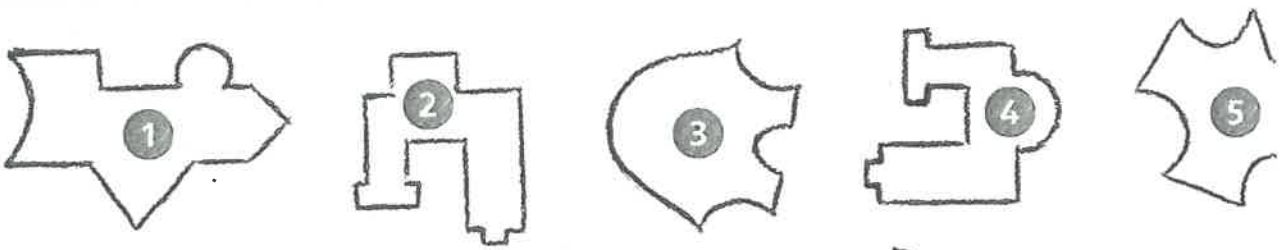


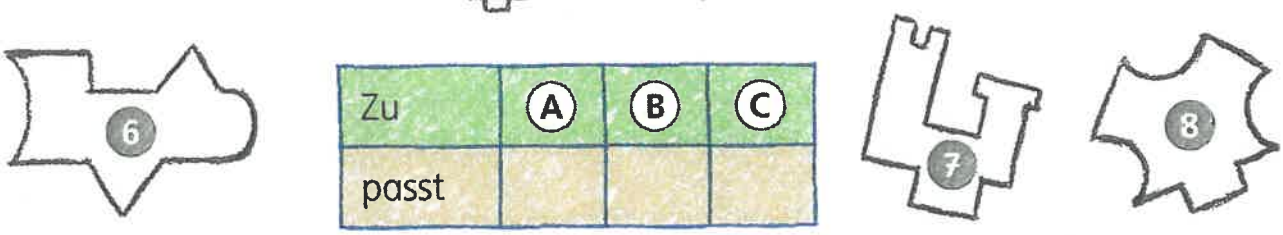
2 Wie kannst du bezahlen?
Zeichne möglichst wenige Scheine und Münzen.



3 Was passt zusammen?

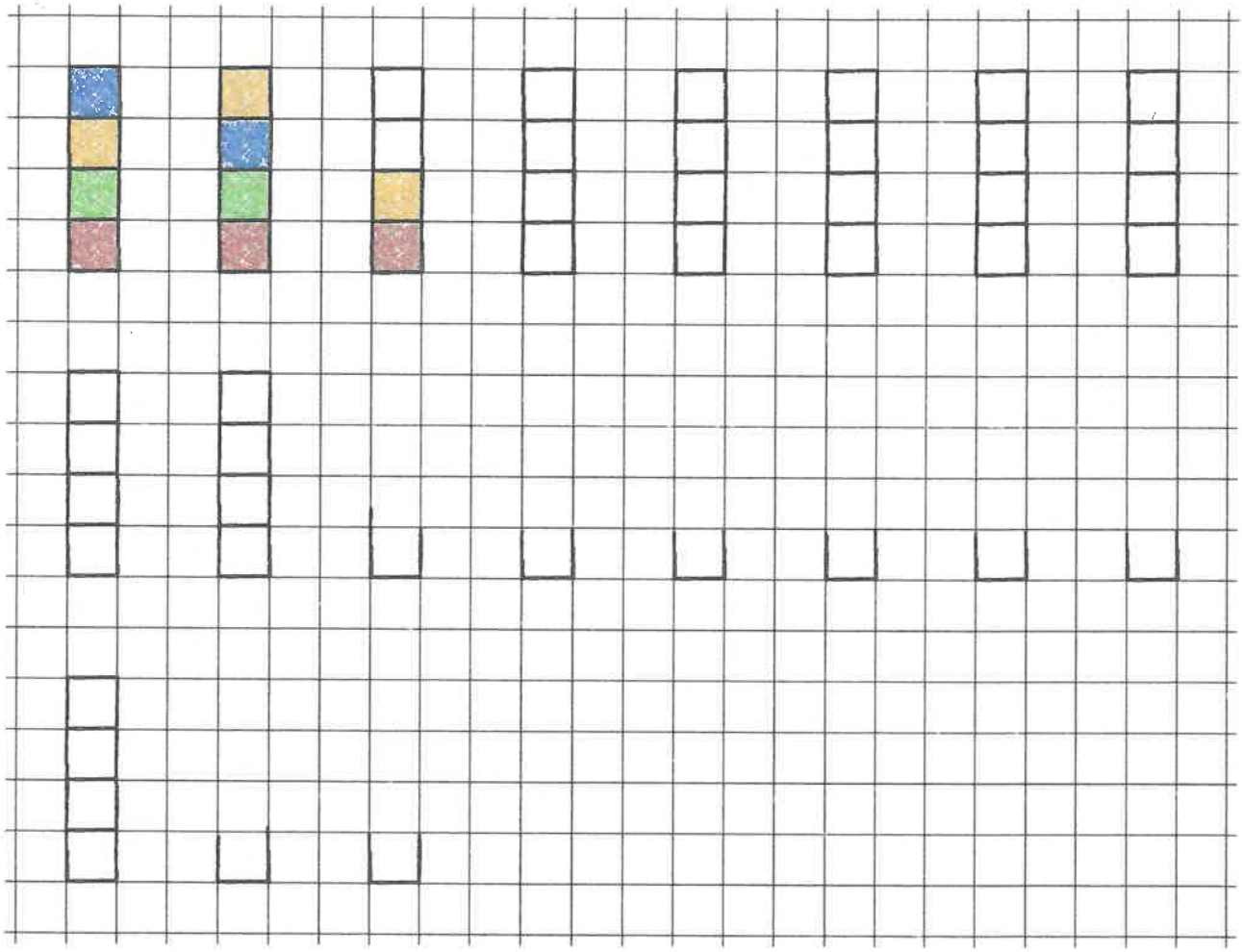
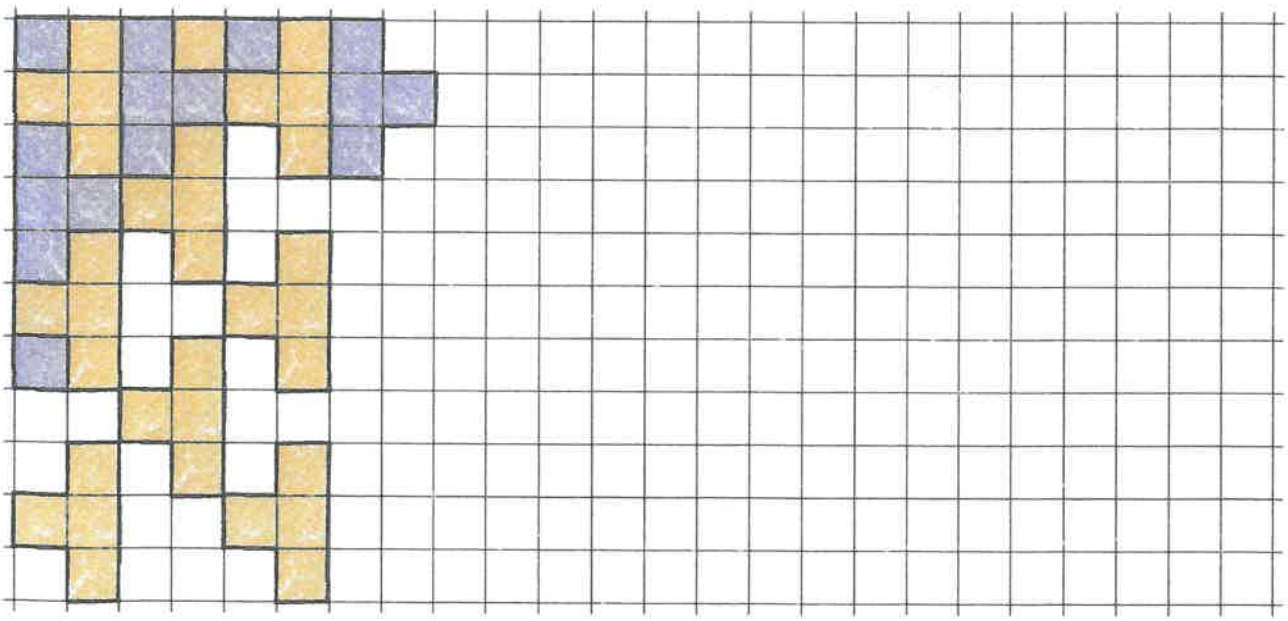






Zu	A	B	C
passt			

4 Male alle Türme, die du mit diesen vier Steckwürfeln bauen kannst.
Es darf kein Turm zweimal vorkommen.



5 Setze das Muster fort.