

Verstehen und Trainieren 3

Grundlegung des Blitzrechnens

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Verdoppeln im Hunderter

1



$$30 + 30 = \underline{60}$$

$$4 + 4 = \underline{8}$$

$$34 + 34 = \underline{68}$$

b)



$$40 + 40 = \underline{80}$$

$$5 + 5 = \underline{10}$$

$$45 + 45 = \underline{90}$$

c)



$$20 + 20 = \underline{40}$$

$$7 + 7 = \underline{14}$$

$$27 + 27 = \underline{54}$$

2



$$40 + 40 = \underline{80}$$

$$3 + 3 = \underline{6}$$

$$43 + 43 = \underline{86}$$

b)



$$20 + 20 = \underline{40}$$

$$5 + 5 = \underline{10}$$

$$25 + 25 = \underline{50}$$

c)



$$30 + 30 = \underline{60}$$

$$6 + 6 = \underline{12}$$

$$36 + 36 = \underline{72}$$

3

Zahl	10	15	20	25	30	35	40	45	50	55
das Doppelte	20	30	40	50	60	70	80	90	100	110

4

Zahl	7	17	27	37	47	48	38	28	18	8
das Doppelte	14	34	54	74	94	96	76	56	36	16

5

Zahl	10	9	20	19	30	29	40	39	50	49
das Doppelte	20	18	40	38	60	58	80	78	100	98

6

Zahl	2	4	8	16	32	3	6	12	24	48
das Doppelte	4	8	16	32	64	6	12	24	48	96

7

Zahl	6	11	16	21	26	29	34	39	44	49
das Doppelte	12	22	32	42	52	58	68	78	88	98

Halbieren im Hunderter

1 a)  $40 = \underline{20} + \underline{20}$
 $8 = \underline{4} + \underline{4}$
 $48 = \underline{24} + \underline{24}$

b)  $50 = \underline{25} + \underline{25}$

c)  $60 = \underline{30} + \underline{30}$
 $4 = \underline{2} + \underline{2}$
 $64 = \underline{32} + \underline{32}$

d)  $50 = \underline{25} + \underline{25}$
 $6 = \underline{3} + \underline{3}$
 $56 = \underline{28} + \underline{28}$

e)  $80 = \underline{40} + \underline{40}$
 $6 = \underline{3} + \underline{3}$
 $86 = \underline{43} + \underline{43}$

f)  $70 = \underline{35} + \underline{35}$
 $2 = \underline{1} + \underline{1}$
 $72 = \underline{36} + \underline{36}$

2	Zahl	20	26	40	46	60	66	80	86	100	96
	die Hälfte	10	13	20	23	30	33	40	43	50	48

3	Zahl	16	36	56	76	96	94	74	54	34	14
	die Hälfte	8	18	28	38	48	47	37	27	17	7

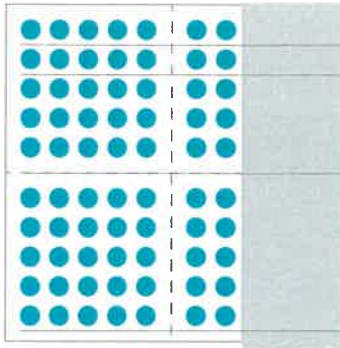
4	Zahl	100	98	80	78	60	58	40	38	20	18
	die Hälfte	50	49	40	39	30	29	20	19	10	9

5	Zahl	4	8	16	32	64	96	48	24	12	6
	die Hälfte	2	4	8	16	32	48	24	12	6	3

6	Zahl	12	34	56	78	100	72	58	44	30	16
	die Hälfte	6	17	28	39	50	36	29	22	15	8

Einmaleins

1



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

$$3 \cdot 7 = \underline{21}$$

$$2 \cdot 7 = \underline{14}$$

$$4 \cdot 7 = \underline{28}$$

$$5 \cdot 7 = \underline{35}$$

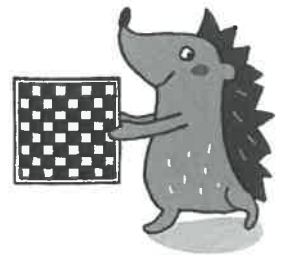
$$6 \cdot 7 = \underline{42}$$

$$7 \cdot 7 = \underline{49}$$

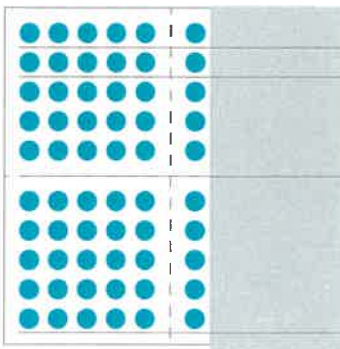
$$8 \cdot 7 = \underline{56}$$

$$10 \cdot 7 = \underline{70}$$

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



2



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

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

$$2 \cdot 6 = \underline{12}$$

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

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

$$6 \cdot 6 = \underline{36}$$

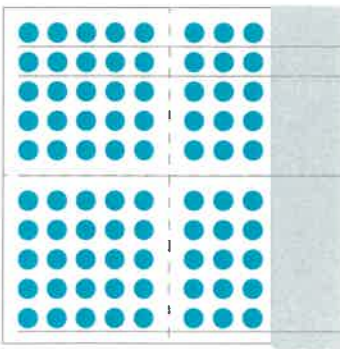
$$7 \cdot 6 = \underline{42}$$

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

$$10 \cdot 6 = \underline{60}$$

$$9 \cdot 6 = \underline{54}$$

3



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

$$3 \cdot 8 = \underline{24}$$

$$2 \cdot 8 = \underline{16}$$

$$4 \cdot 8 = \underline{32}$$

$$5 \cdot 8 = \underline{40}$$

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

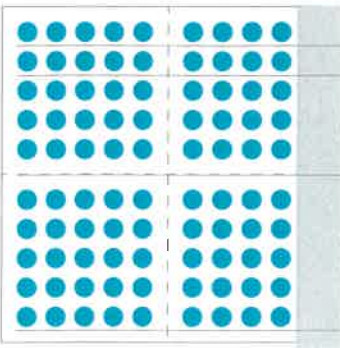
$$7 \cdot 8 = \underline{56}$$

$$8 \cdot 8 = \underline{64}$$

$$10 \cdot 8 = \underline{80}$$

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

4



$$1 \cdot 9 = \underline{9}$$

$$3 \cdot 9 = \underline{27}$$

$$2 \cdot 9 = \underline{18}$$

$$4 \cdot 9 = \underline{36}$$

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

$$6 \cdot 9 = \underline{54}$$

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

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

$$10 \cdot 9 = \underline{90}$$

$$9 \cdot 9 = \underline{81}$$

Einmaleins

1

a) $5 \cdot 2 = \underline{10}$ $4 \cdot 2 = \underline{8}$ $6 \cdot 2 = \underline{12}$	b) $5 \cdot 3 = \underline{15}$ $4 \cdot 3 = \underline{12}$ $6 \cdot 3 = \underline{18}$	c) $5 \cdot 4 = \underline{20}$ $4 \cdot 4 = \underline{16}$ $6 \cdot 4 = \underline{24}$	d) $5 \cdot 6 = \underline{30}$ $4 \cdot 6 = \underline{24}$ $6 \cdot 6 = \underline{36}$	e) $5 \cdot 7 = \underline{35}$ $4 \cdot 7 = \underline{28}$ $6 \cdot 7 = \underline{42}$
f) $5 \cdot 8 = \underline{40}$ $4 \cdot 8 = \underline{32}$ $6 \cdot 8 = \underline{48}$	g) $5 \cdot 9 = \underline{45}$ $4 \cdot 9 = \underline{36}$ $6 \cdot 9 = \underline{54}$	h) $5 \cdot 10 = \underline{50}$ $4 \cdot 10 = \underline{40}$ $6 \cdot 10 = \underline{60}$	i) $5 \cdot 5 = \underline{25}$ $4 \cdot 5 = \underline{20}$ $6 \cdot 5 = \underline{30}$	j) $5 \cdot 1 = \underline{5}$ $4 \cdot 1 = \underline{4}$ $6 \cdot 1 = \underline{6}$

2

a) $10 \cdot 2 = \underline{20}$ $9 \cdot 2 = \underline{18}$ $8 \cdot 2 = \underline{16}$	b) $10 \cdot 3 = \underline{30}$ $9 \cdot 3 = \underline{27}$ $8 \cdot 3 = \underline{24}$	c) $10 \cdot 4 = \underline{40}$ $9 \cdot 4 = \underline{36}$ $8 \cdot 4 = \underline{32}$	d) $10 \cdot 6 = \underline{60}$ $9 \cdot 6 = \underline{54}$ $8 \cdot 6 = \underline{48}$	e) $10 \cdot 7 = \underline{70}$ $9 \cdot 7 = \underline{63}$ $8 \cdot 7 = \underline{56}$
f) $10 \cdot 8 = \underline{80}$ $9 \cdot 8 = \underline{72}$ $8 \cdot 8 = \underline{64}$	g) $10 \cdot 9 = \underline{90}$ $9 \cdot 9 = \underline{81}$ $8 \cdot 9 = \underline{72}$	h) $10 \cdot 10 = \underline{100}$ $9 \cdot 10 = \underline{90}$ $8 \cdot 10 = \underline{80}$	i) $10 \cdot 5 = \underline{50}$ $9 \cdot 5 = \underline{45}$ $8 \cdot 5 = \underline{40}$	j) $10 \cdot 1 = \underline{10}$ $9 \cdot 1 = \underline{9}$ $8 \cdot 1 = \underline{8}$

3

a) $2 \cdot 2 = \underline{4}$ $3 \cdot 2 = \underline{6}$ $4 \cdot 2 = \underline{8}$	b) $2 \cdot 3 = \underline{6}$ $3 \cdot 3 = \underline{9}$ $4 \cdot 3 = \underline{12}$	c) $2 \cdot 4 = \underline{8}$ $3 \cdot 4 = \underline{12}$ $4 \cdot 4 = \underline{16}$	d) $2 \cdot 6 = \underline{12}$ $3 \cdot 6 = \underline{18}$ $4 \cdot 6 = \underline{24}$	e) $2 \cdot 7 = \underline{14}$ $3 \cdot 7 = \underline{21}$ $4 \cdot 7 = \underline{28}$
f) $2 \cdot 8 = \underline{16}$ $3 \cdot 8 = \underline{24}$ $4 \cdot 8 = \underline{32}$	g) $2 \cdot 9 = \underline{18}$ $3 \cdot 9 = \underline{27}$ $4 \cdot 9 = \underline{36}$	h) $2 \cdot 10 = \underline{20}$ $3 \cdot 10 = \underline{30}$ $4 \cdot 10 = \underline{40}$	i) $2 \cdot 5 = \underline{10}$ $3 \cdot 5 = \underline{15}$ $4 \cdot 5 = \underline{20}$	j) $2 \cdot 1 = \underline{2}$ $3 \cdot 1 = \underline{3}$ $4 \cdot 1 = \underline{4}$

4

a) $5 \cdot 4 = \underline{20}$ $2 \cdot 4 = \underline{8}$ $7 \cdot 4 = \underline{28}$	b) $5 \cdot 6 = \underline{30}$ $2 \cdot 6 = \underline{12}$ $7 \cdot 6 = \underline{42}$	c) $5 \cdot 7 = \underline{35}$ $2 \cdot 7 = \underline{14}$ $7 \cdot 7 = \underline{49}$	d) $5 \cdot 8 = \underline{40}$ $2 \cdot 8 = \underline{16}$ $7 \cdot 8 = \underline{56}$	e) $5 \cdot 9 = \underline{45}$ $2 \cdot 9 = \underline{18}$ $7 \cdot 9 = \underline{63}$
f) $5 \cdot 3 = \underline{15}$ $2 \cdot 3 = \underline{6}$ $7 \cdot 3 = \underline{21}$	g) $5 \cdot 5 = \underline{25}$ $2 \cdot 5 = \underline{10}$ $7 \cdot 5 = \underline{35}$	h) $5 \cdot 2 = \underline{10}$ $2 \cdot 2 = \underline{4}$ $7 \cdot 2 = \underline{14}$	i) $5 \cdot 10 = \underline{50}$ $2 \cdot 10 = \underline{20}$ $7 \cdot 10 = \underline{70}$	j) $5 \cdot 1 = \underline{5}$ $2 \cdot 1 = \underline{2}$ $7 \cdot 1 = \underline{7}$

Einmaleins umgekehrt

1 a)  $3 \cdot 8 = 24$
 $24 : 3 = 8$
 $24 : 8 = 3$

.	8
3	24

b)  $4 \cdot 5 = 20$
 $20 : 4 = 5$
 $20 : 5 = 4$

.	5
4	20

2 a) $5 \cdot 3 = 15$
 $15 : 3 = 5$
 $15 : 5 = 3$

.	3
5	15

b) $7 \cdot 5 = 35$
 $35 : 5 = 7$
 $35 : 7 = 5$

.	5
7	35

3 a) $6 \cdot 9 = 54$
 $54 : 6 = 9$
 $54 : 9 = 6$

.	9
6	54

b) $2 \cdot 9 = 18$
 $18 : 2 = 9$
 $18 : 9 = 2$

.	9
2	18

4 a) $4 \cdot 9 = 36$
 $36 : 9 = 4$
 $36 : 4 = 9$

.	9
4	36

b) $5 \cdot 8 = 40$
 $40 : 5 = 8$
 $40 : 8 = 5$

.	8
5	40

5 a) $7 \cdot 3 = 21$
 $21 : 7 = 3$
 $21 : 3 = 7$

.	3
7	21

b) $7 \cdot 6 = 42$
 $42 : 6 = 7$
 $42 : 7 = 6$

.	6
7	42

6 a) $4 \cdot 9 = 36$

.	9
4	36

b) $5 \cdot 9 = 45$

.	9
5	45

c) $9 \cdot 7 = 63$

.	7
9	63

d) $8 \cdot 9 = 72$

.	9
8	72

7 a) $5 \cdot 5 = 25$

.	5
5	25

b) $6 \cdot 6 = 36$

.	6
6	36

c) $7 \cdot 7 = 49$

.	7
7	49

d) $4 \cdot 4 = 16$

.	4
4	16

Einmaleins, auch umgekehrt

1 a) $12:3 = \underline{4}$ b) $27:3 = \underline{9}$ c) $7 \cdot 8 = \underline{56}$ d) $5 \cdot 3 = \underline{15}$ e) $20:4 = \underline{5}$
 $12:4 = \underline{3}$ $27:9 = \underline{3}$ $56:8 = \underline{7}$ $4 \cdot 4 = \underline{16}$ $20:2 = \underline{10}$
 $3 \cdot 4 = \underline{12}$ $3 \cdot 9 = \underline{27}$ $56:7 = \underline{8}$ $16:4 = \underline{4}$ $4 \cdot 5 = \underline{20}$
 $3 \cdot 5 = \underline{15}$ $4 \cdot 7 = \underline{28}$ $6 \cdot 9 = \underline{54}$ $16:2 = \underline{8}$ $4 \cdot 6 = \underline{24}$
 $15:3 = \underline{5}$ $28:4 = \underline{7}$ $6 \cdot 8 = \underline{48}$ $8 \cdot 2 = \underline{16}$ $24:8 = \underline{3}$

2 a) $48:8 = \underline{6}$ b) $80:10 = \underline{8}$ c) $60:6 = \underline{10}$ d) $7 \cdot 10 = \underline{70}$ e) $2:1 = \underline{2}$
 $42:7 = \underline{6}$ $81:9 = \underline{9}$ $9 \cdot 6 = \underline{54}$ $63:7 = \underline{9}$ $4:2 = \underline{2}$
 $36:6 = \underline{6}$ $9 \cdot 9 = \underline{81}$ $48:6 = \underline{8}$ $56:7 = \underline{8}$ $8:4 = \underline{2}$
 $7 \cdot 6 = \underline{42}$ $9 \cdot 8 = \underline{72}$ $7 \cdot 6 = \underline{42}$ $4 \cdot 7 = \underline{28}$ $16:4 = \underline{4}$
 $8 \cdot 6 = \underline{48}$ $9 \cdot 7 = \underline{63}$ $36:6 = \underline{6}$ $8 \cdot 7 = \underline{56}$ $4 \cdot 4 = \underline{16}$

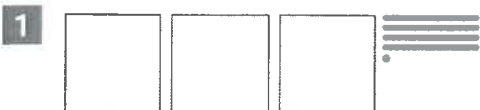
3 a) $3 \cdot 3 = \underline{9}$ b) $6 \cdot 6 = \underline{36}$ c) $9 \cdot 7 = \underline{63}$ d) $9:9 = \underline{1}$ e) $24:6 = \underline{4}$
 $8:2 = \underline{4}$ $35:7 = \underline{5}$ $8 \cdot 8 = \underline{64}$ $18:9 = \underline{2}$ $4 \cdot 5 = \underline{20}$
 $4 \cdot 4 = \underline{16}$ $49:7 = \underline{7}$ $72:8 = \underline{9}$ $2 \cdot 8 = \underline{16}$ $20:5 = \underline{4}$
 $15:3 = \underline{5}$ $7 \cdot 7 = \underline{49}$ $9 \cdot 9 = \underline{81}$ $4 \cdot 8 = \underline{32}$ $15:5 = \underline{3}$
 $5 \cdot 5 = \underline{25}$ $48:6 = \underline{8}$ $80:8 = \underline{10}$ $36:4 = \underline{9}$ $3 \cdot 8 = \underline{24}$

4 a) $9:3 = \underline{3}$ b) $10:2 = \underline{5}$ c) $12:6 = \underline{2}$ d) $14:2 = \underline{7}$ e) $15:5 = \underline{3}$
 $27:3 = \underline{9}$ $20:4 = \underline{5}$ $24:6 = \underline{4}$ $28:7 = \underline{4}$ $30:5 = \underline{6}$
 $81:9 = \underline{9}$ $30:6 = \underline{5}$ $36:6 = \underline{6}$ $42:6 = \underline{7}$ $45:5 = \underline{9}$
 $3 \cdot 3 = \underline{9}$ $5 \cdot 6 = \underline{30}$ $4 \cdot 6 = \underline{24}$ $7 \cdot 2 = \underline{14}$ $6 \cdot 5 = \underline{30}$
 $9 \cdot 9 = \underline{81}$ $5 \cdot 2 = \underline{10}$ $2 \cdot 6 = \underline{12}$ $4 \cdot 7 = \underline{28}$ $9 \cdot 5 = \underline{45}$

5 a) $16:4 = \underline{4}$ b) $18:9 = \underline{2}$ c) $20:5 = \underline{4}$ d) $21:7 = \underline{3}$ e) $24:3 = \underline{8}$
 $32:4 = \underline{8}$ $36:9 = \underline{4}$ $40:5 = \underline{8}$ $42:7 = \underline{6}$ $48:6 = \underline{8}$
 $48:6 = \underline{8}$ $54:9 = \underline{6}$ $60:6 = \underline{10}$ $63:7 = \underline{9}$ $72:9 = \underline{8}$
 $8 \cdot 4 = \underline{32}$ $4 \cdot 9 = \underline{36}$ $8 \cdot 5 = \underline{40}$ $3 \cdot 7 = \underline{21}$ $8 \cdot 6 = \underline{48}$
 $4 \cdot 4 = \underline{16}$ $2 \cdot 9 = \underline{18}$ $10 \cdot 6 = \underline{60}$ $6 \cdot 7 = \underline{42}$ $8 \cdot 3 = \underline{24}$

Welche Zahl?

Stelle jede Zahl auf drei Arten dar: durch eine Zeichnung, in der Stellentafel mit Plättchen und in der Stellentafel mit Ziffern.



H	Z	E	H	Z	E
			3	4	1



H	Z	E	H	Z	E
			5	2	6



H	Z	E	H	Z	E
			4	7	2



H	Z	E	H	Z	E
			4	6	8



H	Z	E	H	Z	E
			2	3	6



H	Z	E	H	Z	E
			5	0	8



H	Z	E	H	Z	E
			1	5	5

Welche Zahl?

Stelle jede Zahl auf drei Arten dar: durch eine Zeichnung, in der Stellentafel mit Plättchen und in der Stellentafel mit Ziffern.
Zeichne die fehlenden Stellentafeln selbst.



1

H	Z	E	H	Z	E
•••	••	••			

2

H	Z	E	H	Z	E

3

H	Z	E	H	Z	E
•••	••••	••	3	5	2

4

H	Z	E	H	Z	E
••	•••	••	2	5	3

5

H	Z	E	H	Z	E
•••	••	•••	3	2	5

6

H	Z	E	H	Z	E
••	•••	••••	2	3	5

7

H	Z	E	H	Z	E
••		•••	3	0	5

Unterschiedliche Zahlendarstellungen koordinieren. Dabei genau auf die Stellenwerte achten.

Welche Zahlen?

- 1** Trage folgende Zahlen in die richtigen Felder ein:

315, 319, 322, 329, 331, 338,
343, 347, 351, 354, 359, 362,
365, 368, 372, 374, 376, 380,
386, 391, 395, 399.



301				305					
	312			315	316			319	320
	322	323	324			327		329	
331			334				338		
341		343		345		347			350
351	352		354		356			359	360
361	362			365		367	368		
	372		374		376		378		380
					386			389	
391				395				399	400

- 2** Trage folgende Zahlen in die richtigen Felder ein:

506, 510, 517, 519, 526, 531,
535, 538, 542, 547, 550, 552,
558, 561, 565, 569, 572, 577,
583, 586, 593.

501			504		506				510
	512		514			517		519	
		523	524		526			529	
531			534	535			538		540
	542		544	545		547			550
	552		554		556		558		560
561			564	565		567		569	
	572		574		576	577	578		
		583	584		586			589	
		593	594						600

Welche Zahlen?

- 3** Trage folgende Zahlen in die richtigen Felder ein:

803, 808, 811, 816, 822, 824, 829, 833, 839, 842, 848, 851, 854, 857, 858, 860, 863, 867, 869, 877, 888, 893, 899.



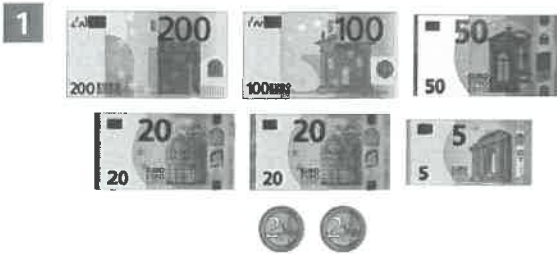
801		803		805			808		810
811				815	816			819	
	822		824	825			828	829	
		833		835		837		839	
841	842			845	846		848		
851			854	855		857	858		860
		863	864	865		867		869	
		873		875		877			
	882			885			888		
891		893		895				899	900

- 4** Trage folgende Zahlen in die richtigen Felder ein:

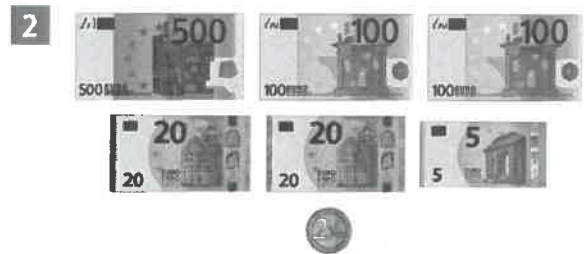
905, 910, 912, 915, 918, 921, 924, 928, 935, 937, 940, 941, 942, 945, 948, 950, 952, 956, 958, 959, 962, 965, 967, 968, 971, 973, 975, 976, 978, 980, 982, 984, 986, 988, 990, 993, 996, 999.

901				905					910
	912			915			918	919	
921			924			927	928		
		933		935		937			940
941	942			945			948		950
	952			955	956		958	959	
961	962			965		967	968	969	
971		973		975	976		978		980
	982	983	984		986		988		990
		993			996			999	1000

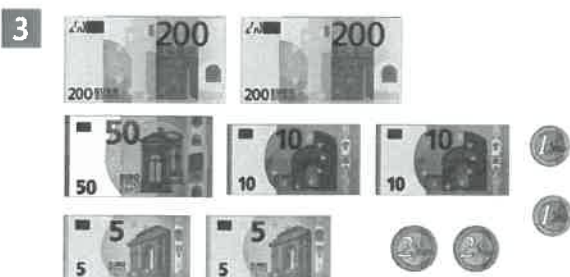
Geldbeträge bestimmen



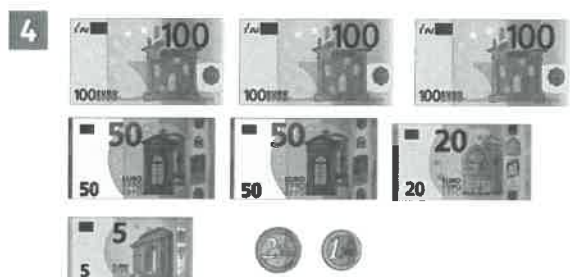
399 Euro



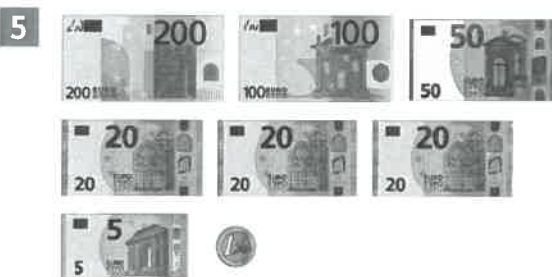
747 Euro



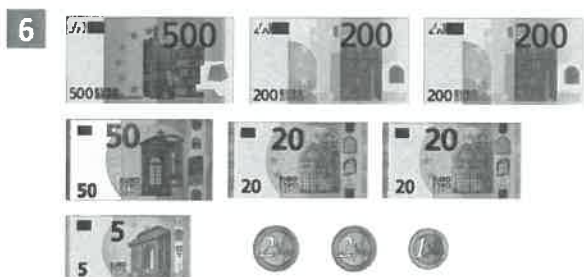
486 Euro



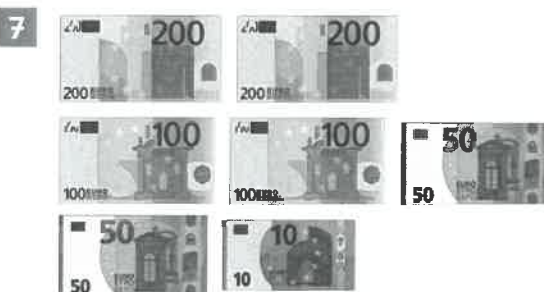
428 Euro



416 Euro



1000 Euro



710 Euro



454 Euro

Zahlen am Rechenstrich ordnen

Trage die Zahlen am Rechenstrich in der richtigen Reihenfolge ungefähr ein.

- 1 335, ~~213~~, ~~489~~, 498, ~~196~~, 921, 739, 567, ~~675~~, 801



- 2 829, 289, 928, 298, 892, 982, 988, 898, 299, 288



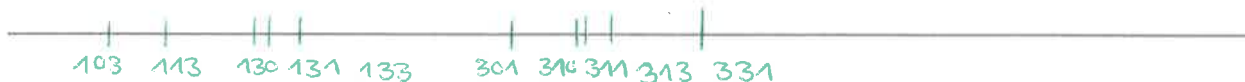
- 3 467, 746, 674, 764, 647, 476, 466, 677, 766, 644



- 4 159, 591, 168, 465, 501, 273, 600, 586, 804, 408



- 5 131, 311, 133, 313, 113, 331, 301, 103, 130, 310



- 6 465, 356, 811, 720, 908, 931, 797, 654, 395, 473



- 7 382, 541, 263, 570, 800, 699, 707, 472, 199, 99



- 8 345, 435, 543, 354, 453, 534



Es muss nur die Reihenfolge stimmen. Anders als beim Tausenderstrahl spielt die genaue Lage der Zahlen keine Rolle.

Zählen in Schritten



1 100er-Schritte

0, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000

2 50er-Schritte

200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750

3 25er-Schritte

725, 750, 775, 800, 825, 850, 875, 900, 925, 950, 975, 1000

4 125er-Schritte

125, 250, 375, 500, 625, 750, 875, 1000

5 250er-Schritte

250, 500, 750, 1000

6 20er-Schritte

520, 540, 560, 580, 600, 620, 640, 660, 680, 700, 720, 740

7 10er-Schritte

310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420

8 5er-Schritte

a) 680, 685, 690, 695, 700, 705, 710, 715, 720, 725, 730

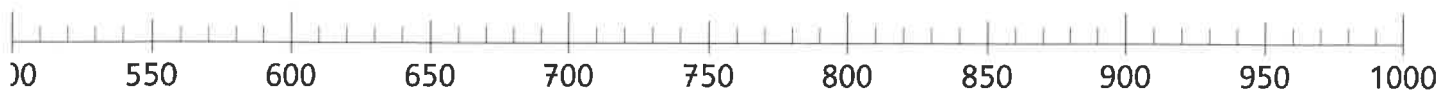
b) 255, 260, 265, 270, 275, 280, 285, 290, 295, 300, 305

9 2er-Schritte

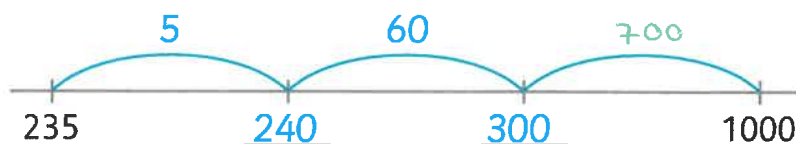
a) 590, 592, 594, 596, 598, 600, 602, 604, 606, 608, 610

b) 735, 737, 739, 741, 743, 745, 747, 749, 751, 753, 755

Ergänzen bis 1000



1 a) $235 + \underline{765} = 1000$



b) $768 + \underline{232} = 1000$



c) $407 + \underline{593} = 1000$



2 a)

1000	
980 +	20
880 +	120
780 +	220
680 +	320

b)

1000	
999 +	1
899 +	101
799 +	201
599 +	301

c)

1000	
950 +	50
750 +	250
650 +	350
550 +	450

d)

1000	
909 +	91
709 +	291
509 +	491
409 +	591

3 a)

1000	
400 +	600
410 +	590
460 +	540
463 +	537

b)

1000	
465 +	535
565 +	435
665 +	335
765 +	235

c)

1000	
536 +	464
546 +	454
556 +	444
566 +	434

d)

1000	
760 +	240
761 +	239
771 +	229
772 +	228

4 a)

1000	
700 +	300
683 +	317
681 +	319
679 +	321

b)

1000	
675 +	325
657 +	343
765 +	235
756 +	244

c)

1000	
973 +	27
937 +	63
739 +	261
397 +	603

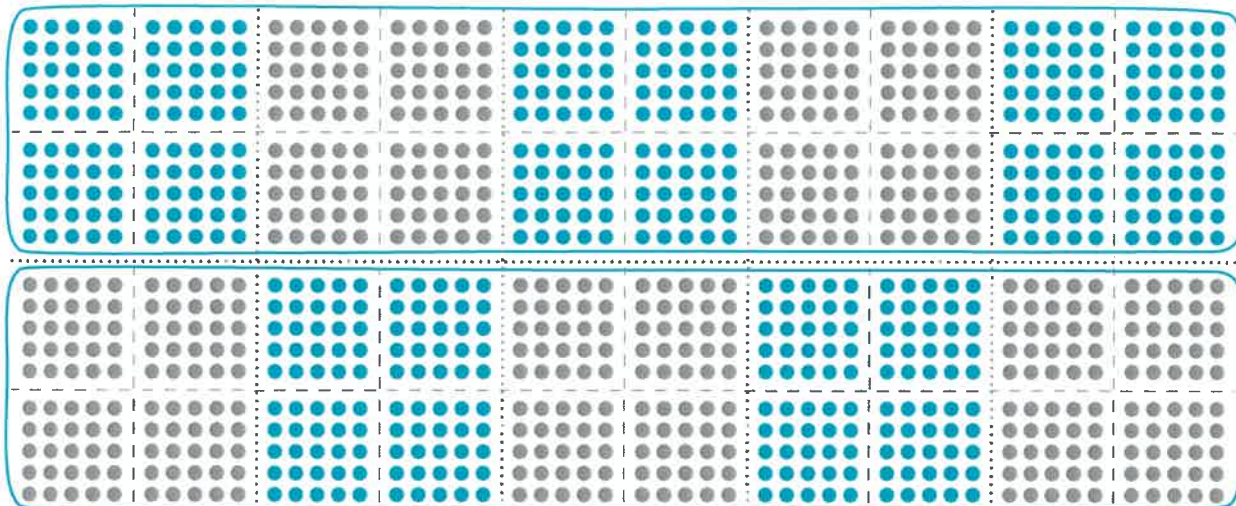
d)

1000	
999 +	1
888 +	112
777 +	223
666 +	334

1000 teilen

1 Kreise ein und rechne.

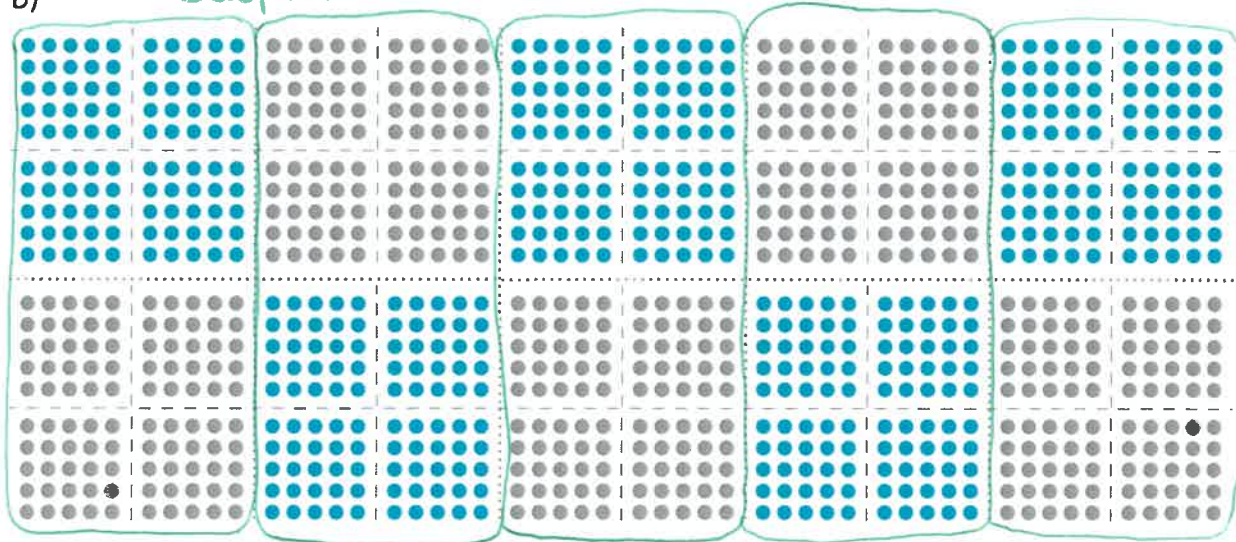
a)



$$1000 = 2 \text{ mal } \underline{500}$$

b)

Beispiel



$$1000 = 4 \text{ mal } \underline{250}$$

2 Überlege am Tausenderfeld und vergleiche mit den Ergebnissen von **1**.

a) $1000 = 10 \text{ mal } \underline{100}$

b) $1000 = 100 \text{ mal } \underline{10}$

c) $1000 = 20 \text{ mal } \underline{50}$

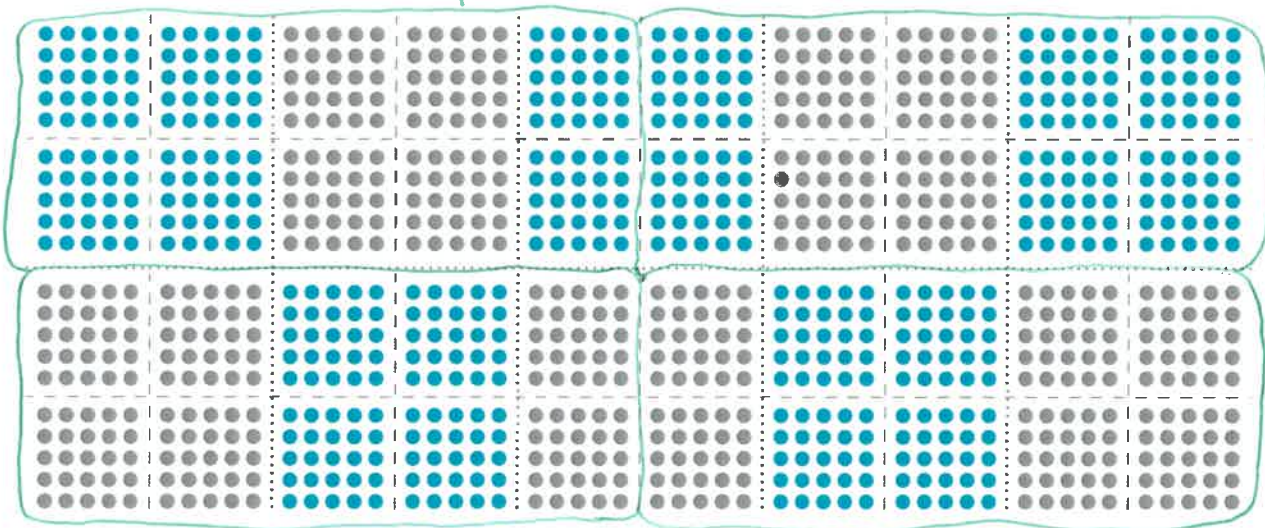
d) $1000 = 200 \text{ mal } \underline{5}$

1000 teilen

3 Kreise ein und rechne.

a)

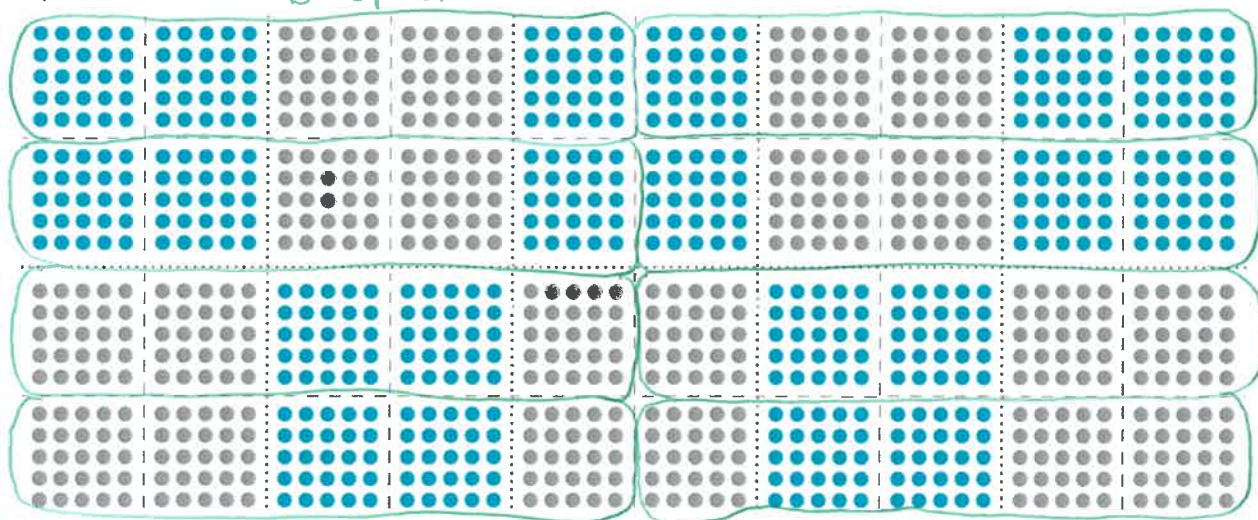
Beispiel



$$1000 = 4 \text{ mal } \underline{250}$$

b)

Beispiel



$$1000 = 8 \text{ mal } \underline{125}$$

4 Überlege am Tausenderfeld und vergleiche mit den Ergebnissen von 1 bis 3.

a) $1000 = 40 \text{ mal } \underline{25}$

b) $1000 = 50 \text{ mal } \underline{20}$

c) $1000 = 1000 \text{ mal } \underline{1}$

d) $1000 = 500 \text{ mal } \underline{2}$

Verdoppeln im Tausender

1 a) $8 + 8 = \underline{16}$
 $80 + 80 = \underline{160}$

b) $7 + 7 = \underline{14}$
 $70 + 70 = \underline{140}$

c) $9 + 9 = \underline{18}$
 $90 + 90 = \underline{180}$

2 a) $5 + 5 = \underline{10}$
 $50 + 50 = \underline{100}$
 $500 + 500 = \underline{1000}$

b) $4 + 4 = \underline{8}$
 $40 + 40 = \underline{80}$
 $400 + 400 = \underline{800}$

c) $6 + 6 = \underline{12}$
 $60 + 60 = \underline{120}$
 $600 + 600 = \underline{1200}$

3 a) $12 + 12 = \underline{24}$
 $120 + 120 = \underline{240}$

b) $17 + 17 = \underline{34}$
 $170 + 170 = \underline{340}$

c) $49 + 49 = \underline{98}$
 $490 + 490 = \underline{980}$

4 a) $21 + 21 = \underline{42}$
 $210 + 210 = \underline{420}$

b) $43 + 43 = \underline{86}$
 $430 + 430 = \underline{860}$

c) $36 + 36 = \underline{72}$
 $360 + 360 = \underline{720}$

5

Zahl	11	110	34	340	15	150	45	450	46	460
das Doppelte	<u>22</u>	<u>220</u>	<u>68</u>	<u>680</u>	<u>30</u>	<u>300</u>	<u>90</u>	<u>900</u>	<u>92</u>	<u>920</u>

6

Zahl	50	150	250	350	450	440	430	420	410	400
das Doppelte	<u>100</u>	<u>300</u>	<u>500</u>	<u>700</u>	<u>900</u>	<u>880</u>	<u>860</u>	<u>840</u>	<u>820</u>	<u>800</u>

7

Zahl	70	170	270	370	470	480	380	280	180	80
das Doppelte	<u>140</u>	<u>340</u>	<u>540</u>	<u>740</u>	<u>940</u>	<u>960</u>	<u>760</u>	<u>560</u>	<u>360</u>	<u>160</u>

8

Zahl	100	90	200	190	300	290	400	390	500	490
das Doppelte	<u>200</u>	<u>180</u>	<u>400</u>	<u>380</u>	<u>600</u>	<u>580</u>	<u>800</u>	<u>780</u>	<u>1000</u>	<u>980</u>

9

Zahl	310	320	330	340	350	360	370	380	390	400
das Doppelte	<u>620</u>	<u>640</u>	<u>660</u>	<u>680</u>	<u>700</u>	<u>720</u>	<u>740</u>	<u>760</u>	<u>780</u>	<u>800</u>

Halbieren im Tausender

1 a) $60 = \underline{30} + \underline{30}$
 $600 = \underline{300} + \underline{300}$

b) $100 = \underline{50} + \underline{50}$
 $1000 = \underline{500} + \underline{500}$

c) $90 = \underline{45} + \underline{45}$
 $900 = \underline{450} + \underline{450}$

2 a) $50 = \underline{25} + \underline{25}$
 $500 = \underline{250} + \underline{250}$

b) $46 = \underline{23} + \underline{23}$
 $460 = \underline{230} + \underline{230}$

c) $34 = \underline{17} + \underline{17}$
 $340 = \underline{170} + \underline{170}$

3 a) $460 = \underline{230} + \underline{230}$
 $470 = \underline{235} + \underline{235}$
 $480 = \underline{240} + \underline{240}$

b) $700 = \underline{350} + \underline{350}$
 $710 = \underline{355} + \underline{355}$
 $720 = \underline{360} + \underline{360}$

c) $820 = \underline{410} + \underline{410}$
 $830 = \underline{415} + \underline{415}$
 $840 = \underline{420} + \underline{420}$

4 a) $130 = \underline{65} + \underline{65}$
 $230 = \underline{115} + \underline{115}$

b) $310 = \underline{155} + \underline{155}$
 $320 = \underline{160} + \underline{160}$

c) $210 = \underline{105} + \underline{105}$
 $120 = \underline{60} + \underline{60}$

5	Zahl	220	440	660	880	900	920	720	520	320	120
	die Hälfte	110	220	330	440	450	460	360	260	160	60

6	Zahl	160	360	560	760	960	940	740	540	340	140
	die Hälfte	80	180	280	380	480	470	370	270	170	70

7	Zahl	200	250	400	450	600	650	800	850	900	950
	die Hälfte	100	125	200	225	300	325	400	425	450	475

8	Zahl	1000	980	990	780	760	770	360	350	250	240
	die Hälfte	500	490	495	390	380	385	180	175	125	120

9	Zahl	960	860	760	660	560	460	360	260	160	60
	die Hälfte	480	430	380	330	280	230	180	130	80	30

Einfache Plusaufgaben

1 a)

$$47 + 5 = \underline{52}$$

$$47 + 50 = \underline{97}$$

b)

$$74 + 5 = \underline{79}$$

$$74 + 50 = \underline{124}$$

c)

$$62 + 4 = \underline{66}$$

$$62 + 40 = \underline{102}$$

d)

$$89 + 5 = \underline{94}$$

$$89 + 50 = \underline{139}$$

2 a)

$$138 + 6 = \underline{144}$$

b)

$$138 + 60 = \underline{198}$$

c)

$$138 + 600 = \underline{738}$$

3 $7 + 3 = \underline{10}$

$67 + 3 = \underline{70}$

$367 + 3 = \underline{370}$

$467 + 3 = \underline{470}$

$487 + 3 = \underline{490}$

$70 + 30 = \underline{100}$

$470 + 30 = \underline{500}$

$475 + 30 = \underline{505}$

$875 + 30 = \underline{905}$

$879 + 30 = \underline{909}$

$9 + 4 = \underline{13}$

$89 + 4 = \underline{93}$

$789 + 4 = \underline{793}$

$989 + 4 = \underline{993}$

$979 + 4 = \underline{983}$

$90 + 40 = \underline{130}$

$690 + 40 = \underline{730}$

$790 + 40 = \underline{830}$

$793 + 40 = \underline{833}$

$796 + 40 = \underline{836}$

4 $8 + 3 = \underline{11}$

$58 + 3 = \underline{61}$

$258 + 3 = \underline{261}$

$458 + 3 = \underline{461}$

$478 + 3 = \underline{481}$

$80 + 30 = \underline{110}$

$580 + 30 = \underline{610}$

$780 + 30 = \underline{810}$

$785 + 30 = \underline{815}$

$885 + 30 = \underline{915}$

$9 + 5 = \underline{14}$

$69 + 5 = \underline{74}$

$269 + 5 = \underline{274}$

$469 + 5 = \underline{474}$

$489 + 5 = \underline{494}$

$90 + 50 = \underline{140}$

$490 + 50 = \underline{540}$

$790 + 50 = \underline{840}$

$793 + 50 = \underline{843}$

$493 + 50 = \underline{543}$

5 $8 + 5 = \underline{13}$

$68 + 5 = \underline{73}$

$668 + 5 = \underline{673}$

$468 + 5 = \underline{473}$

$448 + 5 = \underline{453}$

$80 + 50 = \underline{130}$

$280 + 50 = \underline{330}$

$285 + 50 = \underline{335}$

$685 + 50 = \underline{735}$

$680 + 50 = \underline{730}$

$9 + 8 = \underline{17}$

$69 + 8 = \underline{77}$

$269 + 8 = \underline{277}$

$469 + 8 = \underline{477}$

$459 + 8 = \underline{467}$

$90 + 80 = \underline{170}$

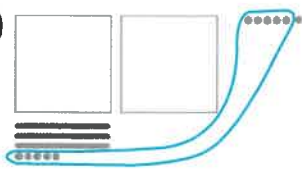
$590 + 80 = \underline{670}$

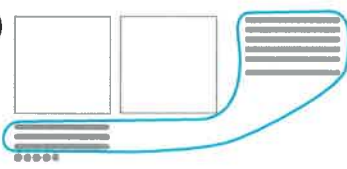
$591 + 80 = \underline{671}$

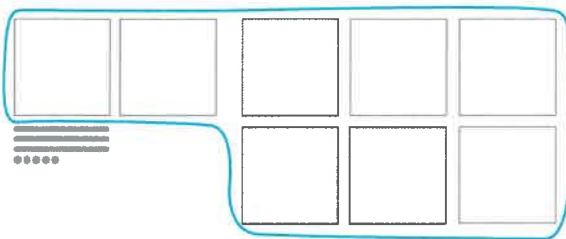
$595 + 80 = \underline{675}$

$795 + 80 = \underline{875}$

Einfache Plusaufgaben

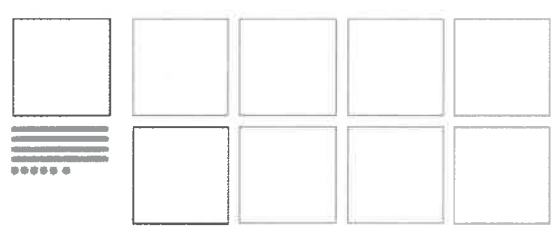
6 a) 
 $235 + 6 = \underline{241}$

b) 
 $235 + 60 = \underline{295}$

c) 
 $235 + 600 = \underline{835}$

7 a) 
 $146 + 8 = \underline{154}$

b) 
 $146 + 80 = \underline{226}$

c) 
 $146 + 800 = \underline{946}$

8	$95 + 6 = \underline{101}$	$821 + 70 = \underline{891}$	$90 + 70 = \underline{160}$	$444 + 4 = \underline{448}$
	$795 + 6 = \underline{801}$	$271 + 80 = \underline{351}$	$490 + 70 = \underline{560}$	$444 + 40 = \underline{484}$
	$976 + 5 = \underline{981}$	$721 + 80 = \underline{801}$	$470 + 90 = \underline{560}$	$444 + 400 = \underline{844}$
	$679 + 50 = \underline{729}$	$172 + 8 = \underline{180}$	$740 + 90 = \underline{830}$	$444 + 7 = \underline{451}$
	$697 + 60 = \underline{757}$	$217 + 80 = \underline{297}$	$790 + 40 = \underline{830}$	$444 + 70 = \underline{514}$

9	$560 + 70 = \underline{630}$	$156 + 7 = \underline{163}$	$732 + 80 = \underline{812}$	$802 + 8 = \underline{810}$
	$670 + 50 = \underline{720}$	$615 + 7 = \underline{622}$	$372 + 80 = \underline{452}$	$802 + 80 = \underline{882}$
	$570 + 60 = \underline{630}$	$716 + 5 = \underline{721}$	$382 + 70 = \underline{452}$	$208 + 2 = \underline{210}$
	$650 + 70 = \underline{720}$	$167 + 5 = \underline{172}$	$832 + 80 = \underline{912}$	$208 + 20 = \underline{228}$
	$750 + 60 = \underline{810}$	$517 + 6 = \underline{523}$	$783 + 20 = \underline{803}$	$288 + 20 = \underline{308}$

10	$376 + 4 = \underline{380}$	$148 + 8 = \underline{156}$	$437 + 5 = \underline{442}$	$659 + 3 = \underline{662}$
	$376 + 40 = \underline{416}$	$148 + 80 = \underline{228}$	$437 + 50 = \underline{487}$	$659 + 30 = \underline{689}$
	$376 + 400 = \underline{776}$	$148 + 800 = \underline{948}$	$437 + 500 = \underline{937}$	$659 + 300 = \underline{959}$
	$375 + 5 = \underline{380}$	$159 + 7 = \underline{166}$	$237 + 50 = \underline{287}$	$695 + 30 = \underline{725}$
	$375 + 50 = \underline{425}$	$159 + 70 = \underline{229}$	$237 + 500 = \underline{737}$	$695 + 300 = \underline{995}$

Einfache Minusaufgaben

1 a) 

26 Einer – 3 Einer

$26 - 3 = \underline{23}$



26 Zehner – 3 Zehner

$260 - 30 = \underline{230}$



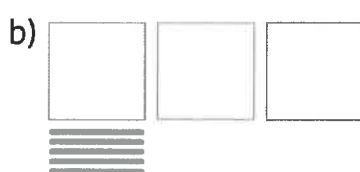
26 Zehner – 3 Einer

$260 - 3 = \underline{257}$

2 a) 

35 Einer – 6 Einer

$35 - 6 = \underline{29}$



35 Zehner – 6 Zehner

$350 - 60 = \underline{290}$



35 Zehner – 6 Einer

$350 - 6 = \underline{344}$

3 $10 - 3 = \underline{7}$

$510 - 3 = \underline{507}$

$540 - 3 = \underline{537}$

$580 - 3 = \underline{577}$

$780 - 3 = \underline{777}$

$100 - 30 = \underline{70}$

$600 - 30 = \underline{570}$

$605 - 30 = \underline{575}$

$705 - 30 = \underline{675}$

$709 - 30 = \underline{679}$

$13 - 4 = \underline{9}$

$83 - 4 = \underline{79}$

$183 - 4 = \underline{179}$

$483 - 4 = \underline{479}$

$493 - 4 = \underline{489}$

$130 - 40 = \underline{90}$

$530 - 40 = \underline{490}$

$536 - 40 = \underline{496}$

$636 - 40 = \underline{596}$

$639 - 40 = \underline{599}$

4 $11 - 3 = \underline{8}$

$71 - 3 = \underline{68}$

$271 - 3 = \underline{268}$

$471 - 3 = \underline{468}$

$491 - 3 = \underline{488}$

$110 - 30 = \underline{80}$

$310 - 30 = \underline{280}$

$315 - 30 = \underline{285}$

$615 - 30 = \underline{585}$

$619 - 30 = \underline{589}$

$14 - 5 = \underline{9}$

$74 - 5 = \underline{69}$

$274 - 5 = \underline{269}$

$264 - 5 = \underline{259}$

$464 - 5 = \underline{459}$

$140 - 50 = \underline{90}$

$740 - 50 = \underline{690}$

$746 - 50 = \underline{696}$

$546 - 50 = \underline{496}$

$548 - 50 = \underline{498}$

5 $13 - 7 = \underline{6}$

$83 - 7 = \underline{76}$

$283 - 7 = \underline{276}$

$293 - 7 = \underline{286}$

$493 - 7 = \underline{486}$

$130 - 70 = \underline{60}$

$430 - 70 = \underline{360}$

$436 - 70 = \underline{366}$

$536 - 70 = \underline{466}$

$539 - 70 = \underline{469}$

$17 - 8 = \underline{9}$

$67 - 8 = \underline{59}$

$267 - 8 = \underline{259}$

$467 - 8 = \underline{459}$

$457 - 8 = \underline{449}$

$170 - 80 = \underline{90}$

$670 - 80 = \underline{590}$

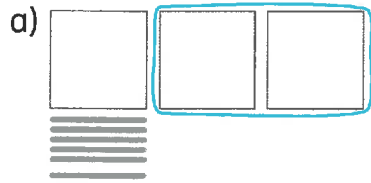
$675 - 80 = \underline{595}$

$775 - 80 = \underline{695}$

$779 - 80 = \underline{699}$

Einfache Minusaufgaben

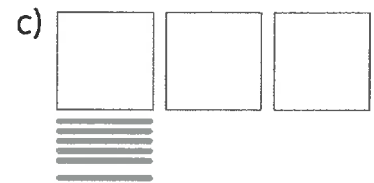
6



$$360 - 200 = \underline{160}$$



$$360 - 20 = \underline{340}$$



$$360 - 2 = \underline{358}$$



$$230 - 200 = \underline{30}$$



$$230 - 20 = \underline{210}$$



$$230 - 2 = \underline{228}$$

7

a) $85 - 3 = \underline{82}$
 $85 - 30 = \underline{55}$
 $850 - 3 = \underline{847}$
 $850 - 30 = \underline{820}$
 $850 - 300 = \underline{550}$

b) $78 - 2 = \underline{76}$
 $78 - 20 = \underline{58}$
 $780 - 2 = \underline{778}$
 $780 - 20 = \underline{760}$
 $780 - 200 = \underline{580}$

c) $62 - 4 = \underline{58}$
 $62 - 40 = \underline{22}$
 $620 - 4 = \underline{616}$
 $620 - 40 = \underline{580}$
 $620 - 400 = \underline{220}$

8

$101 - 6 = \underline{95}$
 $801 - 6 = \underline{795}$
 $881 - 5 = \underline{896}$
 $729 - 50 = \underline{679}$
 $757 - 60 = \underline{697}$

$891 - 70 = \underline{821}$
 $351 - 80 = \underline{271}$
 $801 - 80 = \underline{721}$
 $180 - 8 = \underline{172}$
 $297 - 80 = \underline{217}$

$160 - 70 = \underline{90}$
 $560 - 70 = \underline{490}$
 $560 - 90 = \underline{470}$
 $810 - 90 = \underline{720}$
 $830 - 40 = \underline{790}$

$448 - 4 = \underline{444}$
 $484 - 40 = \underline{444}$
 $844 - 400 = \underline{444}$
 $451 - 7 = \underline{444}$
 $514 - 70 = \underline{444}$

9

$630 - 70 = \underline{560}$
 $720 - 50 = \underline{670}$
 $630 - 60 = \underline{570}$
 $720 - 70 = \underline{650}$
 $810 - 60 = \underline{750}$

$163 - 7 = \underline{156}$
 $622 - 7 = \underline{615}$
 $721 - 5 = \underline{716}$
 $172 - 5 = \underline{167}$
 $523 - 6 = \underline{517}$

$812 - 80 = \underline{732}$
 $452 - 80 = \underline{372}$
 $452 - 70 = \underline{382}$
 $912 - 80 = \underline{832}$
 $803 - 20 = \underline{783}$

$810 - 8 = \underline{802}$
 $882 - 80 = \underline{802}$
 $210 - 2 = \underline{208}$
 $228 - 20 = \underline{208}$
 $308 - 20 = \underline{288}$

10

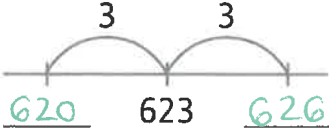
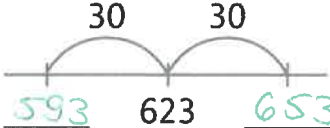
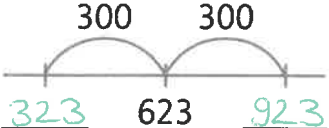
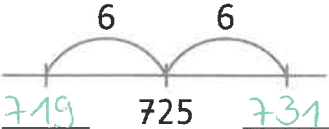
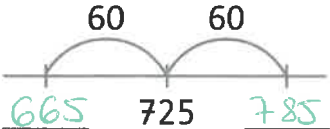
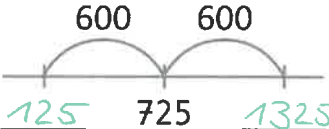
$380 - 4 = \underline{376}$
 $416 - 40 = \underline{376}$
 $776 - 400 = \underline{376}$
 $380 - 5 = \underline{375}$
 $425 - 50 = \underline{375}$

$156 - 8 = \underline{148}$
 $228 - 80 = \underline{148}$
 $948 - 800 = \underline{148}$
 $266 - 7 = \underline{259}$
 $229 - 70 = \underline{159}$

$442 - 5 = \underline{437}$
 $487 - 50 = \underline{437}$
 $937 - 500 = \underline{437}$
 $287 - 50 = \underline{237}$
 $737 - 500 = \underline{237}$

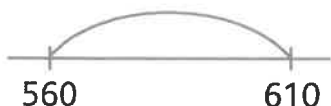
$662 - 3 = \underline{659}$
 $689 - 30 = \underline{659}$
 $959 - 300 = \underline{659}$
 $725 - 30 = \underline{695}$
 $995 - 300 = \underline{695}$

Einfache Plus- und Minusaufgaben

- 1** a) 
 $623 + 3 = \underline{626}$
 $623 - 3 = \underline{620}$
- b) 
 $623 + 30 = \underline{653}$
 $623 - 30 = \underline{593}$
- c) 
 $623 + 300 = \underline{923}$
 $623 - 300 = \underline{323}$
- 2** a) 
 $725 + 6 = \underline{731}$
 $725 - 6 = \underline{719}$
- b) 
 $725 + 60 = \underline{785}$
 $725 - 60 = \underline{665}$
- c) 
 $725 + 600 = \underline{1325}$
 $725 - 600 = \underline{125}$
- 3** $625 + 70 = \underline{695}$ $841 + 40 = \underline{881}$ $343 - 60 = \underline{283}$ $546 - 10 = \underline{536}$
 $625 - 70 = \underline{555}$ $841 - 40 = \underline{801}$ $343 + 60 = \underline{403}$ $546 + 10 = \underline{556}$
 $725 - 70 = \underline{655}$ $841 - 400 = \underline{441}$ $343 + 600 = \underline{943}$ $546 + 100 = \underline{646}$
- 4** $299 + 3 = \underline{302}$ $266 + 200 = \underline{466}$ $495 + 500 = \underline{995}$ $632 - 80 = \underline{552}$
 $299 - 3 = \underline{296}$ $266 - 200 = \underline{66}$ $495 - 50 = \underline{445}$ $632 + 80 = \underline{712}$
 $299 + 30 = \underline{329}$ $266 - 20 = \underline{246}$ $495 + 50 = \underline{545}$ $632 + 8 = \underline{640}$
 $299 - 30 = \underline{269}$ $266 + 20 = \underline{286}$ $495 - 5 = \underline{490}$ $632 - 8 = \underline{624}$
 $299 + 300 = \underline{599}$ $266 + 2 = \underline{268}$ $495 + 5 = \underline{500}$ $623 - 80 = \underline{543}$
- 5** $156 - 70 = \underline{86}$ $617 - 200 = \underline{417}$ $13 - 6 = \underline{7}$ $437 + 9 = \underline{446}$
 $156 - 9 = \underline{147}$ $342 + 300 = \underline{642}$ $213 - 6 = \underline{207}$ $437 + 90 = \underline{527}$
 $156 + 7 = \underline{163}$ $342 - 60 = \underline{282}$ $213 - 60 = \underline{153}$ $437 - 90 = \underline{347}$
 $156 + 70 = \underline{226}$ $342 + 60 = \underline{402}$ $213 + 80 = \underline{293}$ $437 - 300 = \underline{137}$
 $156 + 700 = \underline{856}$ $342 - 6 = \underline{336}$ $263 + 80 = \underline{343}$ $437 + 7 = \underline{444}$
- 6** $912 - 20 = \underline{892}$ $260 - 9 = \underline{251}$ $111 - 3 = \underline{108}$ $121 + 500 = \underline{621}$
 $892 - 200 = \underline{692}$ $651 + 300 = \underline{951}$ $111 + 300 = \underline{411}$ $211 - 5 = \underline{206}$
 $298 + 100 = \underline{398}$ $851 - 60 = \underline{791}$ $222 - 60 = \underline{162}$ $112 - 50 = \underline{62}$
 $298 + 7 = \underline{305}$ $721 - 6 = \underline{715}$ $333 + 70 = \underline{403}$ $712 - 50 = \underline{662}$
 $405 - 60 = \underline{345}$ $127 + 200 = \underline{327}$ $444 + 9 = \underline{453}$ $217 + 5 = \underline{222}$

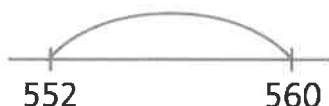
Ergänzungsaufgaben

1 a)



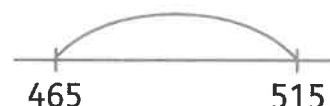
$$560 + \underline{50} = 610$$

b)



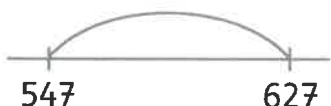
$$552 + \underline{8} = 560$$

c)



$$465 + \underline{50} = 515$$

2 a)



$$547 + \underline{80} = 627$$

b)



$$271 + \underline{50} = 321$$

c)



$$731 + \underline{70} = 801$$

3

$$5 + \underline{6} = 11$$

$$6 + \underline{5} = 11$$

$$9 + \underline{4} = 13$$

$$7 + \underline{6} = 13$$

$$65 + \underline{9} = 74$$

$$26 + \underline{5} = 31$$

$$69 + \underline{4} = 73$$

$$27 + \underline{6} = 33$$

$$274 + \underline{50} = 324$$

$$431 + \underline{7} = 438$$

$$273 + \underline{8} = 281$$

$$433 + \underline{9} = 442$$

$$324 + \underline{8} = 332$$

$$738 + \underline{8} = 746$$

$$281 + \underline{20} = 301$$

$$542 + \underline{70} = 612$$

$$332 + \underline{70} = 402$$

$$746 + \underline{6} = 752$$

$$301 + \underline{9} = 310$$

$$612 + \underline{10} = 622$$

4

$$7 + \underline{4} = 11$$

$$4 + \underline{8} = 12$$

$$5 + \underline{8} = 13$$

$$8 + \underline{5} = 13$$

$$67 + \underline{7} = 74$$

$$34 + \underline{10} = 44$$

$$75 + \underline{8} = 83$$

$$48 + \underline{5} = 53$$

$$874 + \underline{7} = 881$$

$$544 + \underline{70} = 614$$

$$483 + \underline{60} = 543$$

$$153 + \underline{80} = 233$$

$$881 + \underline{40} = 921$$

$$614 + \underline{8} = 622$$

$$543 + \underline{8} = 551$$

$$233 + \underline{9} = 242$$

$$921 + \underline{9} = 930$$

$$622 + \underline{9} = 631$$

$$551 + \underline{90} = 641$$

$$242 + \underline{20} = 262$$

5

$$9 + \underline{5} = 14$$

$$3 + \underline{8} = 11$$

$$6 + \underline{6} = 12$$

$$4 + \underline{11} = 15$$

$$89 + \underline{5} = 94$$

$$43 + \underline{8} = 51$$

$$92 + \underline{5} = 97$$

$$35 + \underline{7} = 42$$

$$194 + \underline{10} = 204$$

$$451 + \underline{80} = 531$$

$$297 + \underline{50} = 347$$

$$642 + \underline{70} = 712$$

$$204 + \underline{7} = 211$$

$$531 + \underline{70} = 601$$

$$347 + \underline{6} = 353$$

$$712 + \underline{8} = 720$$

$$211 + \underline{90} = 301$$

$$601 + \underline{9} = 610$$

$$353 + \underline{50} = 403$$

$$720 + \underline{80} = 800$$

6

$$8 + \underline{4} = 12$$

$$2 + \underline{11} = 13$$

$$5 + \underline{7} = 12$$

$$3 + \underline{9} = 12$$

$$52 + \underline{9} = 61$$

$$32 + \underline{4} = 36$$

$$42 + \underline{6} = 48$$

$$72 + \underline{5} = 77$$

$$461 + \underline{40} = 501$$

$$836 + \underline{6} = 842$$

$$348 + \underline{8} = 356$$

$$477 + \underline{4} = 481$$

$$501 + \underline{2} = 503$$

$$842 + \underline{60} = 902$$

$$356 + \underline{60} = 416$$

$$481 + \underline{40} = 521$$

$$503 + \underline{9} = 512$$

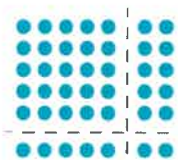
$$902 + \underline{9} = 911$$

$$416 + \underline{8} = 424$$

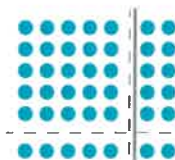
$$521 + \underline{5} = 526$$

Einmaleins am Malkreuz

1

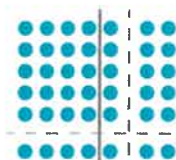


$$6 \cdot 7 = \underline{42}$$



.	5	2
6	30	12

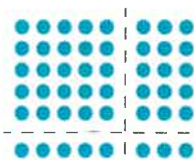
$$30 + 12 = \underline{42}$$



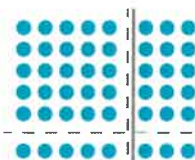
.	4	3
6	24	18

$$24 + 18 = \underline{42}$$

2

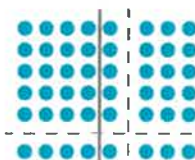


$$6 \cdot 8 = \underline{48}$$



.	5	3
6	30	18

$$30 + 18 = \underline{48}$$



.	4	4
6	24	24

$$24 + 24 = \underline{48}$$

3

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

.	4	5
8	32	40

$$32 + 40 = \underline{72}$$

.	6	3
8	48	24

$$48 + 24 = \underline{72}$$

4

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

.	5	2
9	45	18

$$45 + 18 = \underline{63}$$

.	6	1
9	54	9

$$54 + 9 = \underline{63}$$

5

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

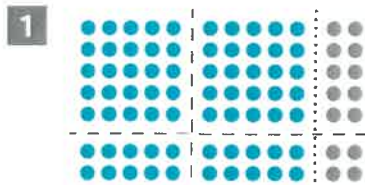
.	5	4
5	25	20

$$25 + 20 = \underline{45}$$

.	7	2
5	35	10

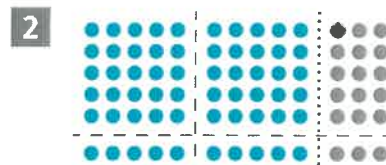
$$35 + 10 = \underline{45}$$

Einmaleins am Malkreuz



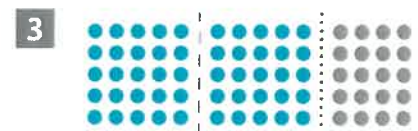
·	10	2
7	70	14

$$7 \cdot 12 = \underline{84}$$



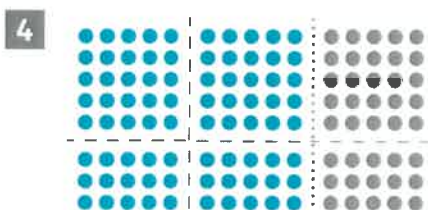
·	10	3
6	60	18

$$6 \cdot 13 = \underline{78}$$



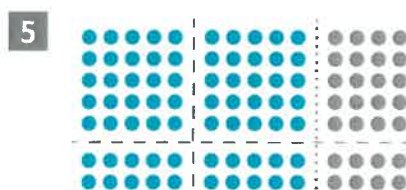
·	10	4
5	50	20

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



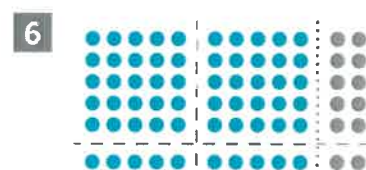
·	10	5
8	80	40

$$8 \cdot 15 = \underline{120}$$



·	10	4
7	70	28

$$7 \cdot 14 = \underline{98}$$

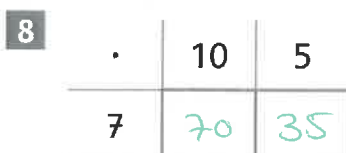


·	10	2
6	60	12

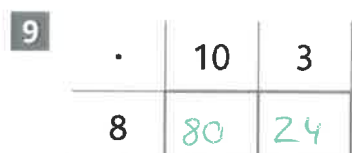
$$6 \cdot 12 = \underline{72}$$



$$5 \cdot 17 = \underline{85}$$



$$7 \cdot 15 = \underline{105}$$



$$8 \cdot 13 = \underline{104}$$



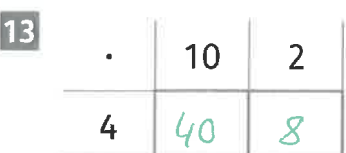
$$5 \cdot 15 = \underline{75}$$



$$6 \cdot 18 = \underline{108}$$



$$8 \cdot 16 = \underline{128}$$



$$4 \cdot 12 = \underline{48}$$



$$9 \cdot 12 = \underline{108}$$



$$3 \cdot 18 = \underline{54}$$

Mal 10/10 mal

1 Überlege an der Stellentafel mit Plättchen und mit Ziffern.

a)

H	Z	E
	5	8

H	Z	E

 $\xrightarrow{\cdot 10}$

H	Z	E

H	Z	E
	5	80

b)

H	Z	E
	3	6

H	Z	E

 $\xrightarrow{\cdot 10}$

H	Z	E

H	Z	E
	3	60

c)

H	Z	E
	4	7

H	Z	E

 $\xrightarrow{\cdot 10}$

H	Z	E

H	Z	E
	4	70

d)

H	Z	E
	1	2

H	Z	E

 $\xrightarrow{\cdot 10}$

H	Z	E

H	Z	E
	1	20

2 a) $3 \cdot 10 = 30$ b) $4 \cdot 10 = 40$ c) $8 \cdot 10 = 80$ d) $10 \cdot 10 = 100$
 $10 \cdot 10 = 100$ $30 \cdot 10 = 300$ $40 \cdot 10 = 400$ $20 \cdot 10 = 200$
 $13 \cdot 10 = 130$ $34 \cdot 10 = 340$ $48 \cdot 10 = 480$ $30 \cdot 10 = 300$
 $23 \cdot 10 = 230$ $44 \cdot 10 = 440$ $49 \cdot 10 = 490$ $50 \cdot 10 = 500$
 $32 \cdot 10 = 320$ $54 \cdot 10 = 540$ $50 \cdot 10 = 500$ $70 \cdot 10 = 700$

3 a) $10 \cdot 78 = 780$ b) $10 \cdot 24 = 240$ c) $10 \cdot 2 = 20$ d) $8 \cdot 10 = 80$
 $10 \cdot 79 = 790$ $10 \cdot 42 = 420$ $10 \cdot 4 = 40$ $16 \cdot 10 = 160$
 $10 \cdot 80 = 800$ $10 \cdot 84 = 840$ $10 \cdot 16 = 160$ $24 \cdot 10 = 240$
 $10 \cdot 81 = 810$ $10 \cdot 46 = 460$ $10 \cdot 32 = 320$ $32 \cdot 10 = 320$
 $10 \cdot 82 = 820$ $10 \cdot 50 = 500$ $10 \cdot 64 = 640$ $40 \cdot 10 = 400$

4 a) $11 \cdot 10 = 110$ b) $8 \cdot 10 = 80$ c) $9 \cdot 10 = 90$ d) $37 \cdot 10 = 370$
 $10 \cdot 11 = 110$ $80 \cdot 10 = 800$ $90 \cdot 10 = 900$ $46 \cdot 10 = 460$
 $22 \cdot 10 = 220$ $10 \cdot 8 = 80$ $10 \cdot 9 = 90$ $10 \cdot 55 = 550$
 $10 \cdot 22 = 220$ $10 \cdot 80 = 800$ $10 \cdot 90 = 900$ $10 \cdot 64 = 640$
 $10 \cdot 44 = 440$ $86 \cdot 10 = 860$ $10 \cdot 93 = 930$ $64 \cdot 10 = 640$

Durch 10

1 Überlege an der Stellentafel mit Plättchen und mit Ziffern.

a)

H	Z	E
9	6	0

H	Z	E

 $\xrightarrow{:10}$

H	Z	E

H	Z	E
	9	6

b)

H	Z	E
4	1	0

H	Z	E

 $\xrightarrow{:10}$

H	Z	E

H	Z	E
	4	1

c)

H	Z	E
2	5	0

H	Z	E

 $\xrightarrow{:10}$

H	Z	E

H	Z	E
	2	5

d)

H	Z	E
5	3	0

H	Z	E

 $\xrightarrow{:10}$

H	Z	E

H	Z	E
	5	3

2 a) $60 : 10 = \underline{6}$ b) $1000 : 10 = \underline{100}$ c) $500 : 10 = \underline{50}$ d) $230 : 10 = \underline{23}$
 $120 : 10 = \underline{12}$ $900 : 10 = \underline{90}$ $50 : 10 = \underline{5}$ $460 : 10 = \underline{46}$
 $240 : 10 = \underline{24}$ $920 : 10 = \underline{92}$ $550 : 10 = \underline{55}$ $640 : 10 = \underline{64}$
 $480 : 10 = \underline{48}$ $720 : 10 = \underline{72}$ $600 : 10 = \underline{60}$ $320 : 10 = \underline{32}$
 $840 : 10 = \underline{84}$ $20 : 10 = \underline{2}$ $10 : 10 = \underline{1}$ $40 : 10 = \underline{4}$

3 a) $160 : 10 = \underline{16}$ b) $70 : 10 = \underline{7}$ c) $800 : 10 = \underline{80}$ d) $680 : 10 = \underline{68}$
 $360 : 10 = \underline{36}$ $270 : 10 = \underline{27}$ $80 : 10 = \underline{8}$ $340 : 10 = \underline{34}$
 $630 : 10 = \underline{63}$ $720 : 10 = \underline{72}$ $400 : 10 = \underline{40}$ $70 : 10 = \underline{7}$
 $30 : 10 = \underline{3}$ $710 : 10 = \underline{71}$ $40 : 10 = \underline{4}$ $670 : 10 = \underline{67}$
 $300 : 10 = \underline{30}$ $170 : 10 = \underline{17}$ $440 : 10 = \underline{44}$ $760 : 10 = \underline{76}$

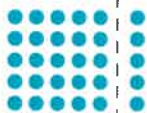
4 a) $150 : 10 = \underline{15}$ b) $280 : 10 = \underline{28}$ c) $160 : 10 = \underline{16}$ d) $140 : 10 = \underline{14}$
 $250 : 10 = \underline{25}$ $140 : 10 = \underline{14}$ $610 : 10 = \underline{61}$ $280 : 10 = \underline{28}$
 $350 : 10 = \underline{35}$ $70 : 10 = \underline{7}$ $10 : 10 = \underline{1}$ $560 : 10 = \underline{56}$
 $530 : 10 = \underline{53}$ $700 : 10 = \underline{70}$ $60 : 10 = \underline{6}$ $650 : 10 = \underline{65}$
 $520 : 10 = \underline{52}$ $770 : 10 = \underline{77}$ $960 : 10 = \underline{96}$ $820 : 10 = \underline{82}$

Zehner-Einmaleins

Rechne mit Zehnern wie mit Einern.

1  

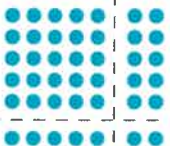
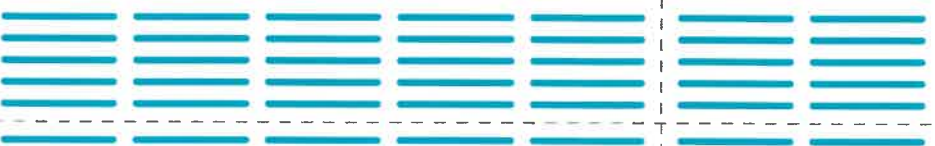
$2 \cdot 7 = 14$ $2 \cdot 7 \text{ Zehner} = 14 \text{ Zehner}$ $2 \cdot 70 = 140$

2  

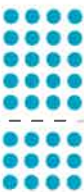
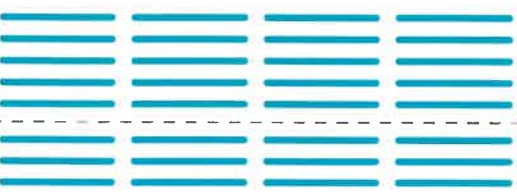
$5 \cdot 6 = 30$ $5 \cdot 6 \text{ Zehner} = 30 \text{ Zehner}$ $5 \cdot 60 = 300$

3  

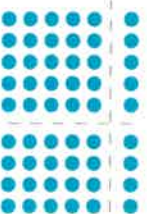
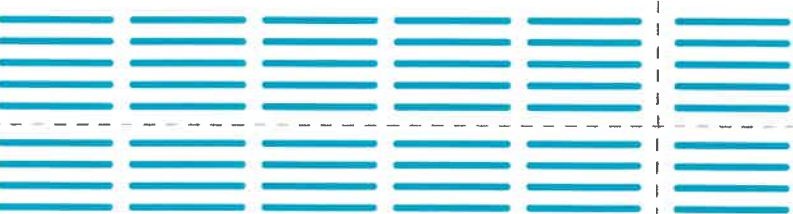
$4 \cdot 5 = 20$ $4 \cdot 5 \text{ Zehner} = 20 \text{ Zehner}$ $4 \cdot 50 = 200$

4  

$6 \cdot 7 = 42$ $6 \cdot 7 \text{ Zehner} = 42 \text{ Zehner}$ $6 \cdot 70 = 420$

5  

$8 \cdot 4 = 32$ $8 \cdot 4 \text{ Zehner} = 32 \text{ Zehner}$ $8 \cdot 40 = 320$

6  

$9 \cdot 6 = 54$ $9 \cdot 6 \text{ Zehner} = 54 \text{ Zehner}$ $9 \cdot 60 = 540$

Zehner-Einmaleins auch umgekehrt

- 1** a)

.	5
9	45

.	50
9	450

.	5
90	450

 b)

.	90
3	270

.	9
30	270
- 2** a)

.	5
90	450

 $90 \cdot 5 = 450$
 $5 \cdot 90 = 450$
 $450 : 5 = 90$
 $450 : 90 = 5$ b)

.	80
5	

 $5 \cdot 80 = 400$
 $80 \cdot 5 = 400$
 $400 : 5 = 80$
 $400 : 80 = 5$
- 3** a)

.	90
3	270

 $3 \cdot 90 = 270$
 $90 \cdot 3 = 270$
 $270 : 3 = 90$
 $270 : 90 = 3$ b)

.	60
7	420

 $7 \cdot 60 = 420$
 $60 \cdot 7 = 420$
 $420 : 7 = 60$
 $420 : 60 = 7$
- 4** a) $6 \cdot 8 = 48$
 $6 \cdot 80 = 480$
 $60 \cdot 8 = 480$
 $480 : 8 = 60$
 $480 : 80 = 6$ b) $4 \cdot 6 = 24$
 $4 \cdot 60 = 240$
 $40 \cdot 6 = 240$
 $240 : 6 = 40$
 $240 : 60 = 4$ c) $7 \cdot 4 = 28$
 $7 \cdot 40 = 280$
 $70 \cdot 4 = 280$
 $280 : 4 = 70$
 $280 : 40 = 7$ d) $7 \cdot 9 = 63$
 $7 \cdot 90 = 630$
 $90 \cdot 7 = 630$
 $630 : 7 = 90$
 $630 : 70 = 9$
- 5** a) $4 \cdot 9 = 36$
 $4 \cdot 90 = 360$
 $40 \cdot 9 = 360$
 $360 : 9 = 40$
 $360 : 90 = 4$ b) $9 \cdot 8 = 72$
 $9 \cdot 80 = 720$
 $90 \cdot 8 = 720$
 $720 : 8 = 90$
 $720 : 80 = 9$ c) $5 \cdot 8 = 40$
 $5 \cdot 80 = 400$
 $50 \cdot 8 = 400$
 $400 : 8 = 50$
 $400 : 80 = 5$ d) $8 \cdot 4 = 32$
 $8 \cdot 40 = 320$
 $80 \cdot 4 = 320$
 $320 : 4 = 80$
 $320 : 40 = 8$
- 6** a) $4 \cdot 8 = 32$
 $4 \cdot 80 = 320$
 $40 \cdot 8 = 320$
 $320 : 8 = 40$
 $320 : 80 = 4$ b) $7 \cdot 5 = 35$
 $7 \cdot 50 = 350$
 $70 \cdot 5 = 350$
 $350 : 5 = 70$
 $350 : 50 = 7$ c) $4 \cdot 7 = 28$
 $4 \cdot 70 = 280$
 $40 \cdot 7 = 280$
 $280 : 7 = 40$
 $280 : 70 = 4$ d) $6 \cdot 3 = 18$
 $6 \cdot 30 = 180$
 $60 \cdot 3 = 180$
 $180 : 3 = 60$
 $180 : 30 = 6$

Zehner-Einmaleins auch umgekehrt

6 a) $3 \cdot 4 = \underline{12}$ $3 \cdot 40 = \underline{120}$ $30 \cdot 4 = \underline{120}$ $120 : 4 = \underline{30}$ $120 : 40 = \underline{3}$
 b) $3 \cdot 9 = \underline{27}$ $3 \cdot 90 = \underline{270}$ $30 \cdot 9 = \underline{270}$ $270 : 9 = \underline{30}$ $270 : 90 = \underline{3}$
 c) $7 \cdot 8 = \underline{56}$ $7 \cdot 80 = \underline{560}$ $70 \cdot 8 = \underline{560}$ $560 : 8 = \underline{70}$ $560 : 80 = \underline{7}$
 d) $5 \cdot 3 = \underline{15}$ $5 \cdot 30 = \underline{150}$ $50 \cdot 3 = \underline{150}$ $150 : 3 = \underline{50}$ $150 : 30 = \underline{5}$

7 a) $8 \cdot 6 = \underline{48}$ $8 \cdot 60 = \underline{480}$ $80 \cdot 6 = \underline{480}$ $480 : 6 = \underline{80}$ $480 : 60 = \underline{8}$
 b) $9 \cdot 9 = \underline{81}$ $9 \cdot 90 = \underline{810}$ $90 \cdot 9 = \underline{810}$ $810 : 9 = \underline{90}$ $810 : 90 = \underline{9}$
 c) $7 \cdot 6 = \underline{42}$ $7 \cdot 60 = \underline{420}$ $70 \cdot 6 = \underline{420}$ $420 : 6 = \underline{70}$ $420 : 60 = \underline{7}$
 d) $4 \cdot 4 = \underline{16}$ $4 \cdot 40 = \underline{160}$ $40 \cdot 4 = \underline{160}$ $160 : 4 = \underline{40}$ $160 : 40 = \underline{4}$

8 a) $5 \cdot 9 = \underline{45}$ $5 \cdot 90 = \underline{450}$ $50 \cdot 9 = \underline{450}$ $450 : 9 = \underline{50}$ $450 : 90 = \underline{5}$
 b) $4 \cdot 6 = \underline{24}$ $4 \cdot 60 = \underline{240}$ $40 \cdot 6 = \underline{240}$ $240 : 6 = \underline{40}$ $240 : 60 = \underline{4}$
 c) $7 \cdot 3 = \underline{21}$ $7 \cdot 30 = \underline{210}$ $70 \cdot 3 = \underline{210}$ $210 : 3 = \underline{70}$ $210 : 30 = \underline{7}$
 d) $9 \cdot 7 = \underline{63}$ $9 \cdot 70 = \underline{630}$ $90 \cdot 7 = \underline{630}$ $630 : 7 = \underline{90}$ $630 : 70 = \underline{9}$

9 a) $35 : 7 = \underline{5}$ $350 : 7 = \underline{50}$ $350 : 70 = \underline{5}$ $350 : 5 = \underline{70}$ $350 : 50 = \underline{7}$
 b) $54 : 6 = \underline{9}$ $540 : 6 = \underline{90}$ $540 : 60 = \underline{9}$ $540 : 9 = \underline{60}$ $540 : 90 = \underline{6}$
 c) $28 : 4 = \underline{7}$ $280 : 4 = \underline{70}$ $280 : 40 = \underline{7}$ $280 : 7 = \underline{40}$ $280 : 70 = \underline{4}$
 d) $32 : 8 = \underline{4}$ $320 : 8 = \underline{40}$ $320 : 80 = \underline{4}$ $320 : 4 = \underline{80}$ $320 : 40 = \underline{8}$

10 a) $64 : 8 = \underline{8}$ $640 : 8 = \underline{80}$ $640 : 80 = \underline{8}$ $320 : 80 = \underline{4}$ $320 : 8 = \underline{40}$
 b) $48 : 8 = \underline{6}$ $480 : 8 = \underline{60}$ $480 : 80 = \underline{6}$ $480 : 6 = \underline{80}$ $480 : 60 = \underline{8}$
 c) $72 : 8 = \underline{9}$ $720 : 8 = \underline{90}$ $720 : 80 = \underline{9}$ $720 : 9 = \underline{80}$ $720 : 90 = \underline{8}$
 d) $45 : 5 = \underline{9}$ $450 : 5 = \underline{90}$ $450 : 50 = \underline{9}$ $450 : 9 = \underline{50}$ $450 : 90 = \underline{5}$