



Verstehen und Trainieren 3

Grundaufgaben zum Zahlenbuch

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Verdoppeln im Hunderter

1

Zahl	5	10	15	20	25	30	35	40	45	50
das Doppelte	10	20	30	40	50	60	70	80	90	100

2

Zahl	1	2	11	12	21	22	31	32	41	42
das Doppelte	2	4	22	24	42	44	62	64	82	84

3

Zahl	10	13	20	23	30	33	40	43	50	53
das Doppelte	20	26	40	46	60	66	80	86	100	106

4

Zahl	11	22	33	44	45	46	36	26	16	6
das Doppelte	22	44	66	88	90	92	72	52	32	12

5

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

6

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

7

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

8

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



1

Zahl	10	20	30	40	50	60	70	80	90	100
die Hälfte	5	10	15	20	25	30	35	40	45	50

2

Zahl	2	4	22	24	42	44	62	64	82	84
die Hälfte	1	2	11	12	21	22	31	32	41	42

3

Zahl	22	44	66	88	90	92	72	52	32	12
die Hälfte	11	22	33	44	45	46	36	26	16	6

4

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

5

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

6

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

7

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

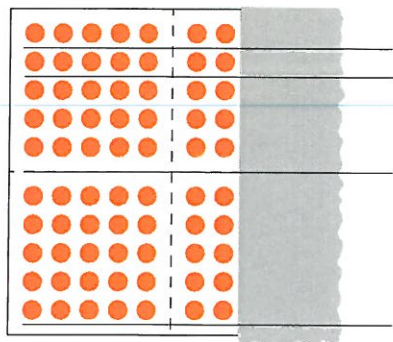
8

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



$1 \cdot 7 = 7$

$3 \cdot 7 = 21$

$2 \cdot 7 = 14$

$4 \cdot 7 = 28$

$5 \cdot 7 = 35$

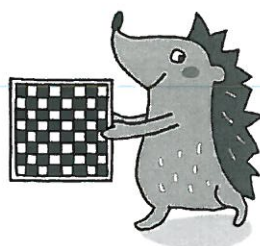
$6 \cdot 7 = 42$

$7 \cdot 7 = 49$

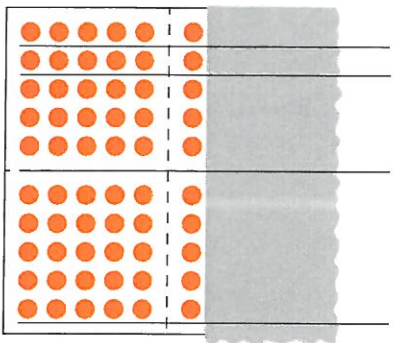
$8 \cdot 7 = 56$

$10 \cdot 7 = 70$

$9 \cdot 7 = 63$



2



$1 \cdot 6 = 6$

$3 \cdot 6 = 18$

$2 \cdot 6 = 12$

$4 \cdot 6 = 24$

$5 \cdot 6 = 30$

$6 \cdot 6 = 36$

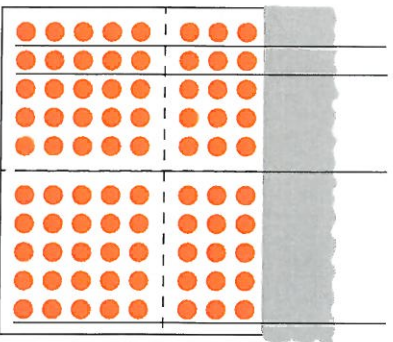
$7 \cdot 6 = 42$

$8 \cdot 6 = 48$

$10 \cdot 6 = 60$

$9 \cdot 6 = 54$

3



$1 \cdot 8 = 8$

$3 \cdot 8 = 24$

$2 \cdot 8 = 16$

$4 \cdot 8 = 32$

$5 \cdot 8 = 40$

$6 \cdot 8 = 48$

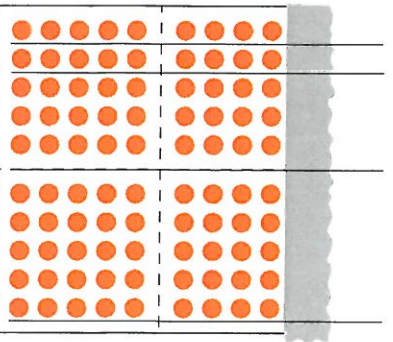
$7 \cdot 8 = 56$

$8 \cdot 8 = 64$

$10 \cdot 8 = 80$

$9 \cdot 8 = 72$

4



$1 \cdot 9 = 9$

$3 \cdot 9 = 27$

$2 \cdot 9 = 18$

$4 \cdot 9 = 36$

$5 \cdot 9 = 45$

$6 \cdot 9 = 54$

$7 \cdot 9 = 63$

$8 \cdot 9 = 72$

$10 \cdot 9 = 90$

$9 \cdot 9 = 81$



1 a) $5 \cdot 2 = 10$ b) $5 \cdot 3 = 15$ c) $5 \cdot 4 = 20$ d) $5 \cdot 6 = 30$ e) $5 \cdot 7 = 35$
 $4 \cdot 2 = 8$ $4 \cdot 3 = 12$ $4 \cdot 4 = 16$ $4 \cdot 6 = 24$ $4 \cdot 7 = 28$
 $6 \cdot 2 = 12$ $6 \cdot 3 = 18$ $6 \cdot 4 = 24$ $6 \cdot 6 = 36$ $6 \cdot 7 = 42$

f) $5 \cdot 8 = 40$ g) $5 \cdot 9 = 45$ h) $5 \cdot 10 = 50$ i) $5 \cdot 5 = 25$ j) $5 \cdot 1 = 5$
 $4 \cdot 8 = 32$ $4 \cdot 9 = 36$ $4 \cdot 10 = 40$ $4 \cdot 5 = 20$ $4 \cdot 1 = 4$
 $6 \cdot 8 = 48$ $6 \cdot 9 = 54$ $6 \cdot 10 = 60$ $6 \cdot 5 = 30$ $6 \cdot 1 = 6$

2 a) $10 \cdot 2 = 20$ b) $10 \cdot 3 = 30$ c) $10 \cdot 4 = 40$ d) $10 \cdot 6 = 60$ e) $10 \cdot 7 = 70$
 $9 \cdot 2 = 18$ $9 \cdot 3 = 27$ $9 \cdot 4 = 36$ $9 \cdot 6 = 54$ $9 \cdot 7 = 63$
 $8 \cdot 2 = 16$ $8 \cdot 3 = 24$ $8 \cdot 4 = 32$ $8 \cdot 6 = 48$ $8 \cdot 7 = 56$

f) $10 \cdot 8 = 80$ g) $10 \cdot 9 = 90$ h) $10 \cdot 10 = 100$ i) $10 \cdot 5 = 50$ j) $10 \cdot 1 = 10$
 $9 \cdot 8 = 72$ $9 \cdot 9 = 81$ $9 \cdot 10 = 90$ $9 \cdot 5 = 45$ $9 \cdot 1 = 9$
 $8 \cdot 8 = 64$ $8 \cdot 9 = 72$ $8 \cdot 10 = 80$ $8 \cdot 5 = 40$ $8 \cdot 1 = 8$

3 a) $2 \cdot 2 = 4$ b) $2 \cdot 3 = 6$ c) $2 \cdot 4 = 8$ d) $2 \cdot 6 = 12$ e) $2 \cdot 7 = 14$
 $3 \cdot 2 = 6$ $3 \cdot 3 = 9$ $3 \cdot 4 = 12$ $3 \cdot 6 = 18$ $3 \cdot 7 = 21$
 $4 \cdot 2 = 8$ $4 \cdot 3 = 12$ $4 \cdot 4 = 16$ $4 \cdot 6 = 24$ $4 \cdot 7 = 28$

f) $2 \cdot 8 = 16$ g) $2 \cdot 9 = 18$ h) $2 \cdot 10 = 20$ i) $2 \cdot 5 = 10$ j) $2 \cdot 1 = 2$
 $3 \cdot 8 = 24$ $3 \cdot 9 = 27$ $3 \cdot 10 = 30$ $3 \cdot 5 = 15$ $3 \cdot 1 = 3$
 $4 \cdot 8 = 32$ $4 \cdot 9 = 36$ $4 \cdot 10 = 40$ $4 \cdot 5 = 20$ $4 \cdot 1 = 4$

4 a) $5 \cdot 4 = 20$ b) $5 \cdot 6 = 30$ c) $5 \cdot 7 = 35$ d) $5 \cdot 8 = 40$ e) $5 \cdot 9 = 45$
 $2 \cdot 4 = 8$ $2 \cdot 6 = 12$ $2 \cdot 7 = 14$ $2 \cdot 8 = 16$ $2 \cdot 9 = 18$
 $7 \cdot 4 = 28$ $7 \cdot 6 = 42$ $7 \cdot 7 = 49$ $7 \cdot 8 = 56$ $7 \cdot 9 = 63$

f) $5 \cdot 3 = 15$ g) $5 \cdot 5 = 25$ h) $5 \cdot 2 = 10$ i) $5 \cdot 10 = 50$ j) $5 \cdot 1 = 5$
 $2 \cdot 3 = 6$ $2 \cdot 5 = 10$ $2 \cdot 2 = 4$ $2 \cdot 10 = 20$ $2 \cdot 1 = 2$
 $7 \cdot 3 = 21$ $7 \cdot 5 = 35$ $7 \cdot 2 = 14$ $7 \cdot 10 = 70$ $7 \cdot 1 = 7$



Einmaleins umgekehrt

1 a) $10 : 5 = \underline{2}$ b) $15 : 5 = \underline{3}$ c) $20 : 5 = \underline{4}$ d) $30 : 5 = \underline{6}$ e) $35 : 5 = \underline{7}$
 $10 : 2 = \underline{5}$ $15 : 3 = \underline{5}$ $20 : 4 = \underline{5}$ $30 : 6 = \underline{5}$ $35 : 7 = \underline{5}$
 $5 \cdot 2 = \underline{10}$ $5 \cdot 3 = \underline{15}$ $5 \cdot 4 = \underline{20}$ $5 \cdot 6 = \underline{30}$ $5 \cdot 7 = \underline{35}$

2 a) $6 : 2 = \underline{3}$ b) $8 : 2 = \underline{4}$ c) $10 : 2 = \underline{5}$ d) $12 : 2 = \underline{6}$ e) $14 : 2 = \underline{7}$
 $6 : 3 = \underline{2}$ $8 : 4 = \underline{2}$ $10 : 5 = \underline{2}$ $12 : 6 = \underline{2}$ $14 : 7 = \underline{2}$
 $2 \cdot 3 = \underline{6}$ $2 \cdot 4 = \underline{8}$ $2 \cdot 5 = \underline{10}$ $2 \cdot 6 = \underline{12}$ $2 \cdot 7 = \underline{14}$

3 a) $18 : 9 = \underline{2}$ b) $27 : 9 = \underline{3}$ c) $36 : 9 = \underline{4}$ d) $45 : 9 = \underline{5}$ e) $54 : 9 = \underline{6}$
 $18 : 2 = \underline{9}$ $27 : 3 = \underline{9}$ $36 : 4 = \underline{9}$ $45 : 5 = \underline{9}$ $54 : 6 = \underline{9}$
 $9 \cdot 2 = \underline{18}$ $9 \cdot 3 = \underline{27}$ $9 \cdot 4 = \underline{36}$ $9 \cdot 5 = \underline{45}$ $9 \cdot 6 = \underline{54}$

4 a) $12 : 4 = \underline{3}$ b) $20 : 4 = \underline{5}$ c) $24 : 4 = \underline{6}$ d) $28 : 4 = \underline{7}$ e) $32 : 4 = \underline{8}$
 $12 : 3 = \underline{4}$ $20 : 5 = \underline{4}$ $24 : 6 = \underline{4}$ $28 : 7 = \underline{4}$ $32 : 8 = \underline{4}$
 $4 \cdot 3 = \underline{12}$ $4 \cdot 5 = \underline{20}$ $4 \cdot 6 = \underline{24}$ $4 \cdot 7 = \underline{28}$ $4 \cdot 8 = \underline{32}$

5 a) $24 : 8 = \underline{3}$ b) $32 : 8 = \underline{4}$ c) $40 : 8 = \underline{5}$ d) $48 : 8 = \underline{6}$ e) $56 : 8 = \underline{7}$
 $24 : 3 = \underline{8}$ $32 : 4 = \underline{8}$ $40 : 5 = \underline{8}$ $48 : 6 = \underline{8}$ $56 : 7 = \underline{8}$
 $3 \cdot 8 = \underline{24}$ $4 \cdot 8 = \underline{32}$ $5 \cdot 8 = \underline{40}$ $6 \cdot 8 = \underline{48}$ $7 \cdot 8 = \underline{56}$

6 a) $14 : 7 = \underline{2}$ b) $21 : 7 = \underline{3}$ c) $28 : 7 = \underline{4}$ d) $35 : 7 = \underline{5}$ e) $42 : 7 = \underline{6}$
 $14 : 2 = \underline{7}$ $21 : 3 = \underline{7}$ $28 : 4 = \underline{7}$ $35 : 5 = \underline{7}$ $42 : 6 = \underline{7}$
 $7 \cdot 2 = \underline{14}$ $3 \cdot 7 = \underline{21}$ $7 \cdot 4 = \underline{28}$ $7 \cdot 5 = \underline{35}$ $6 \cdot 7 = \underline{42}$

7 a) $36 : 4 = \underline{9}$ b) $45 : 5 = \underline{9}$ c) $63 : 7 = \underline{9}$ d) $72 : 8 = \underline{9}$ e) $18 : 2 = \underline{9}$
 $36 : 9 = \underline{4}$ $45 : 9 = \underline{5}$ $63 : 9 = \underline{7}$ $72 : 9 = \underline{8}$ $18 : 9 = \underline{2}$
 $4 \cdot 9 = \underline{36}$ $5 \cdot 9 = \underline{45}$ $7 \cdot 9 = \underline{63}$ $8 \cdot 9 = \underline{72}$ $2 \cdot 9 = \underline{18}$

8 a) $4 : 2 = \underline{2}$ b) $9 : 3 = \underline{3}$ c) $16 : 4 = \underline{4}$ d) $36 : 6 = \underline{6}$ e) $49 : 7 = \underline{7}$
 $2 \cdot 2 = \underline{4}$ $3 \cdot 3 = \underline{9}$ $4 \cdot 4 = \underline{16}$ $6 \cdot 6 = \underline{36}$ $7 \cdot 7 = \underline{49}$



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

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

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

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

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



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



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
			6	3	4

2

--	--	--	--	--

H	Z	E	H	Z	E
			5	3	0

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



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



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, 882, 885, 888, 893, 895, 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:

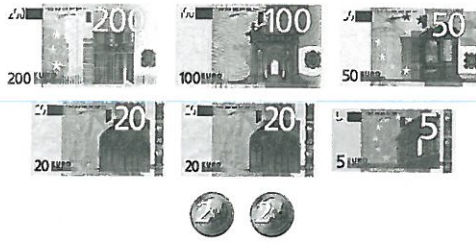
905, 910, 912, 915, 918, 921, 924, 928, 935, 937, 940, 941, 942, 945, 948, 950, 952, 956, 958, 959, 962, 965, 967, 968, 971, 973, 975, 976, 978, 980, 982, 984, 986, 988, 990, 993, 996, 999.

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



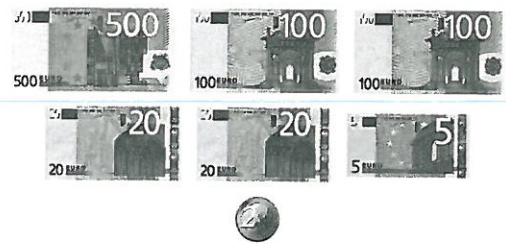
Geldbeträge bestimmen

1



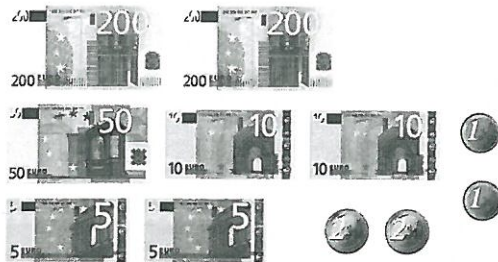
399 Euro

2



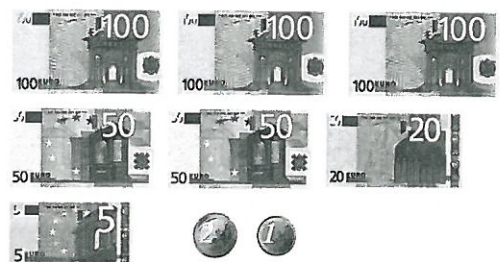
747 Euro

3



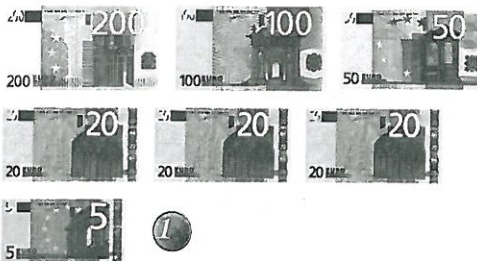
486 Euro

4



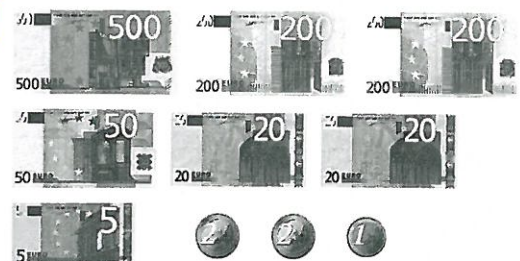
428 Euro

5



416 Euro

6



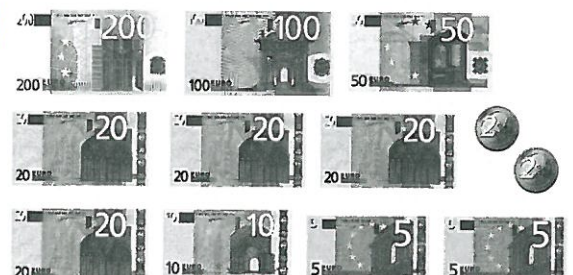
1000 Euro

7



710 Euro

8

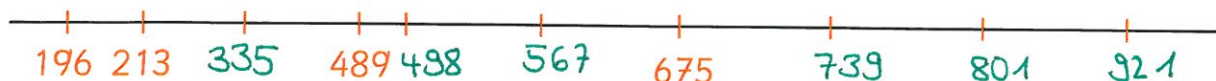


454 Euro

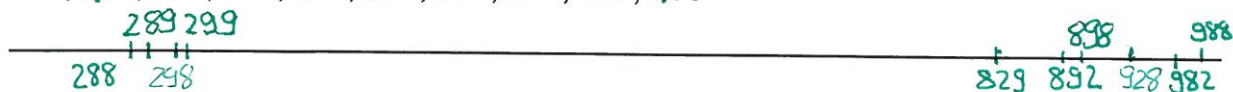


Trage die Zahlen am Rechenstrich in der richtigen Reihenfolge ungefähr ein.

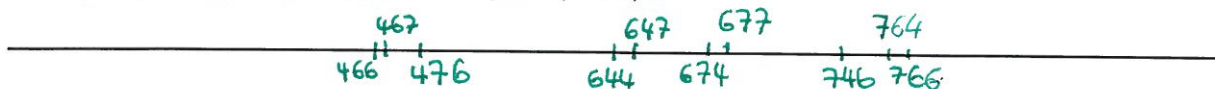
- 1 ~~335~~, ~~213~~, ~~489~~, ~~498~~, ~~196~~, ~~921~~, ~~739~~, ~~567~~, ~~675~~, 801



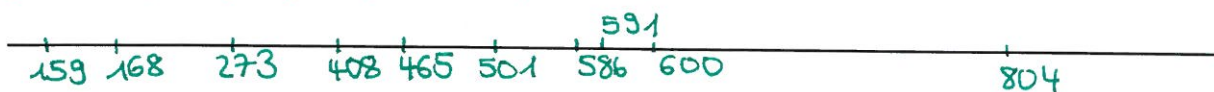
- 2 ~~829~~, ~~289~~, ~~928~~, ~~298~~, ~~892~~, ~~982~~, ~~988~~, ~~898~~, ~~299~~, ~~288~~



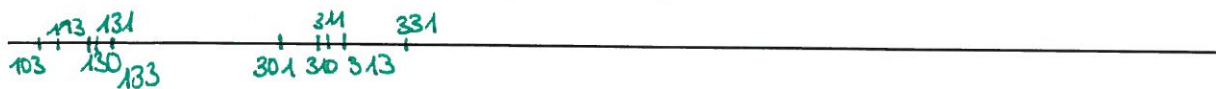
- 3 ~~467~~, ~~746~~, ~~674~~, ~~764~~, ~~647~~, ~~476~~, ~~466~~, ~~677~~, ~~766~~, ~~644~~



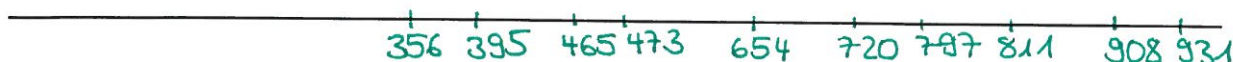
- 4 ~~159~~, ~~591~~, ~~168~~, ~~465~~, ~~501~~, ~~273~~, ~~600~~, ~~586~~, ~~804~~, ~~408~~



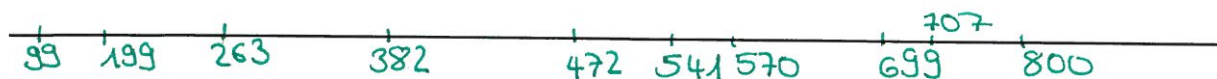
- 5 ~~131~~, ~~311~~, ~~133~~, ~~313~~, ~~113~~, ~~331~~, ~~301~~, ~~103~~, ~~130~~, ~~310~~



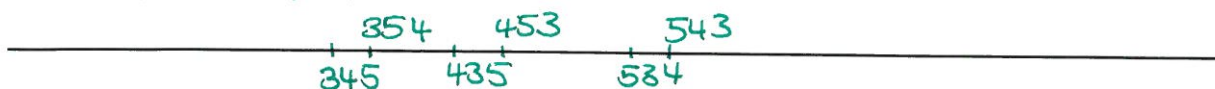
- 6 ~~465~~, ~~356~~, ~~811~~, ~~720~~, ~~908~~, ~~931~~, ~~797~~, ~~654~~, ~~395~~, ~~473~~



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



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





Zählen in Schritten

1 1er-Schritte

a) 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506

b) 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

2 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

3 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

4 10er-Schritte

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

5 20er-Schritte

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

6 25er-Schritte

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

7 50er-Schritte

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

8 100er-Schritte

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

9 125er-Schritte

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

10 250er-Schritte

250, 500, 750, 1000



1 a)

1000	
600 +	400
560 +	440
565 +	435
569 +	431
571 +	429

b)

1000	
700 +	300
680 +	320
678 +	322
668 +	332
667 +	333

c)

1000	
500 +	500
490 +	510
487 +	513
437 +	563
407 +	593

d)

1000	
900 +	100
850 +	150
843 +	157
840 +	160
832 +	168

2 a)

1000	
980 +	20
880 +	120
780 +	220
680 +	320
580 +	420

b)

1000	
999 +	1
899 +	101
799 +	201
599 +	401
399 +	601

c)

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

d)

1000	
909 +	91
709 +	291
509 +	491
409 +	591
309 +	691

3 a)

1000	
400 +	600
410 +	590
460 +	540
463 +	537
469 +	531

b)

1000	
465 +	535
565 +	435
665 +	335
765 +	235
865 +	135

c)

1000	
536 +	464
546 +	454
556 +	444
566 +	434
576 +	424

d)

1000	
760 +	240
761 +	239
771 +	229
772 +	228
782 +	218

4 a)

1000	
700 +	300
683 +	317
681 +	319
679 +	321
621 +	379

b)

1000	
675 +	325
657 +	343
765 +	235
756 +	244
567 +	433

c)

1000	
973 +	27
937 +	63
739 +	261
397 +	603
379 +	621

d)

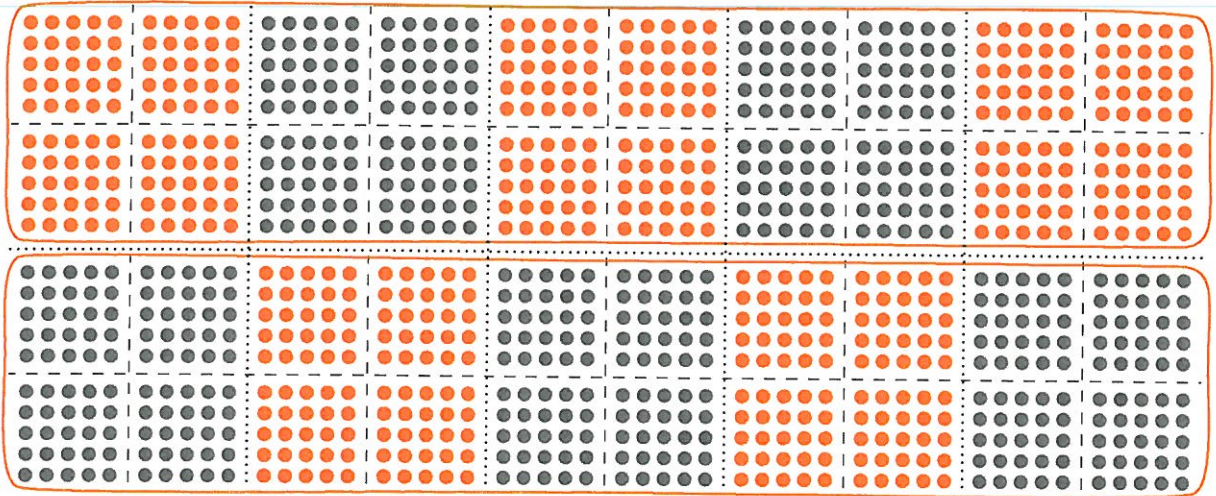
1000	
999 +	1
888 +	112
777 +	223
666 +	334
555 +	445



1000 teilen

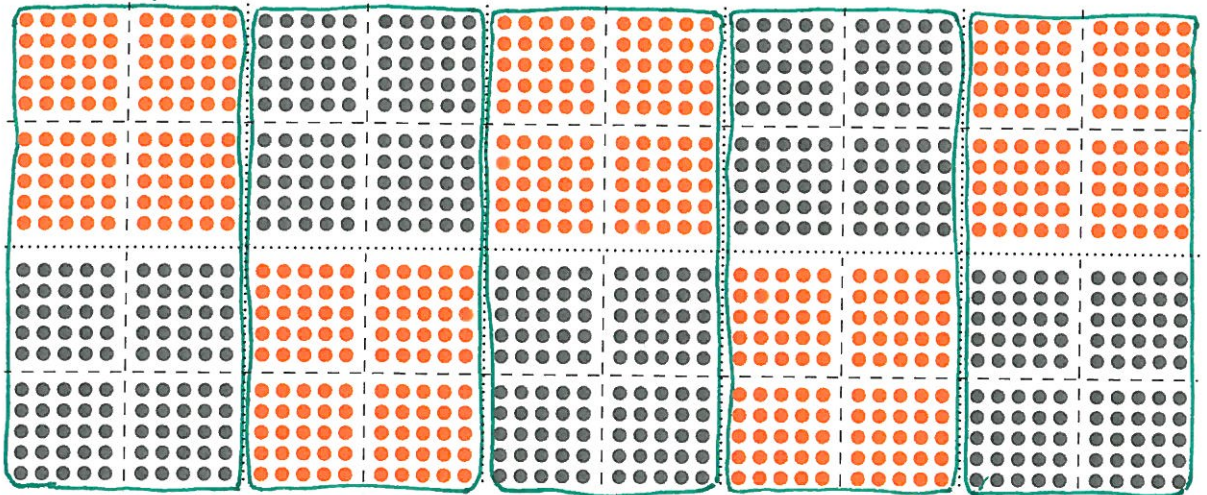
1 Kreise ein und rechne.

a)



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

b) Beispiel



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

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

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

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

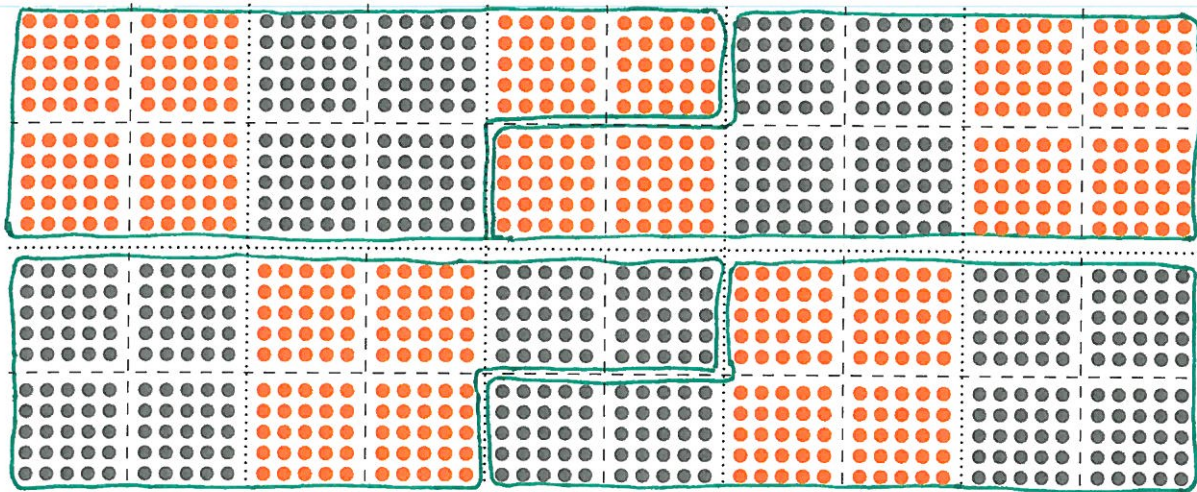
c) $1000 = 20 \text{ mal } \underline{50}$

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



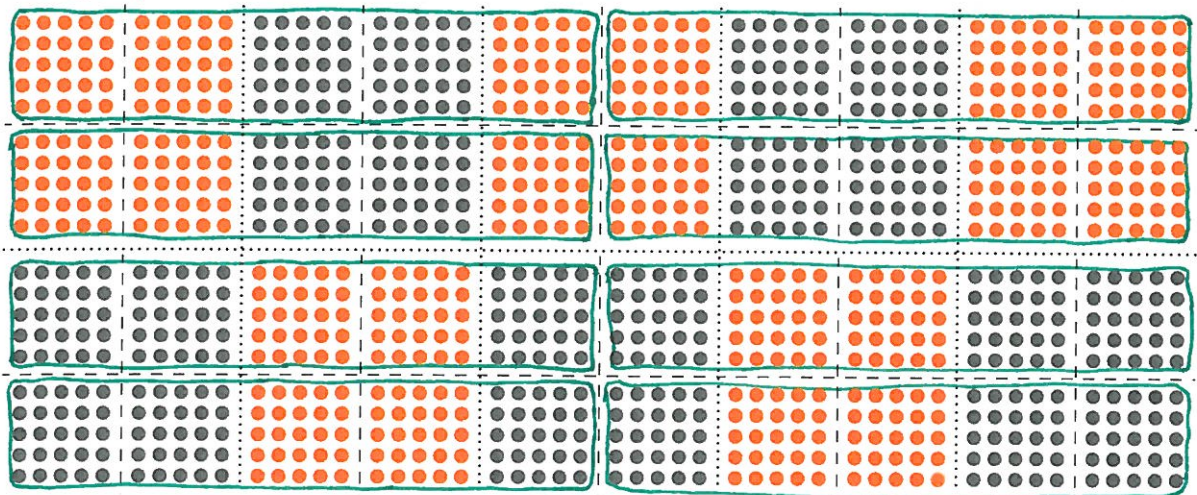
3 Kreise ein und rechne.

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

Zahl	50	100	150	200	250	300	350	400	450	500
das Doppelte	100	200	300	400	500	600	700	800	900	1000

2

Zahl	110	220	330	440	450	460	360	260	160	60
das Doppelte	220	440	660	880	900	920	720	520	320	120

3

Zahl	10	20	110	120	210	220	310	320	410	420
das Doppelte	20	40	220	240	420	440	620	640	820	840

4

Zahl	20	40	80	160	320	30	60	120	240	480
das Doppelte	40	80	160	320	640	60	120	240	480	960

5

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

6

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

7

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

8

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



1	Zahl	100	200	300	400	500	600	700	800	900	1000
	die Hälfte	50	100	150	200	250	300	350	400	450	500

2	Zahl	40	80	160	320	640	960	480	240	120	60
	die Hälfte	20	40	80	160	320	480	240	120	60	30

3	Zahl	20	40	220	240	420	440	620	640	820	840
	die Hälfte	10	20	110	120	210	220	310	320	410	420

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

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

6	Zahl	200	260	400	460	600	660	800	860	1000	960
	die Hälfte	100	130	200	230	300	330	400	430	500	480

7	Zahl	1000	980	800	780	600	580	400	380	200	180
	die Hälfte	500	490	400	390	300	290	200	190	100	90

8	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	$7 + 5 = 12$	$70 + 50 = 120$	$9 + 6 = 15$	$90 + 60 = 150$
	$37 + 5 = 42$	$270 + 50 = 320$	$39 + 6 = 45$	$390 + 60 = 450$
	$47 + 5 = 52$	$271 + 50 = 321$	$239 + 6 = 245$	$395 + 60 = 455$
	$247 + 5 = 252$	$471 + 50 = 521$	$439 + 6 = 445$	$695 + 60 = 755$
	$257 + 5 = 262$	$473 + 50 = 523$	$449 + 6 = 455$	$698 + 60 = 758$

2	$8 + 4 = 12$	$80 + 40 = 120$	$8 + 7 = 15$	$80 + 70 = 150$
	$48 + 4 = 52$	$580 + 40 = 620$	$88 + 7 = 95$	$280 + 70 = 350$
	$98 + 4 = 102$	$586 + 40 = 626$	$288 + 7 = 295$	$680 + 70 = 750$
	$198 + 4 = 202$	$786 + 40 = 826$	$488 + 7 = 495$	$685 + 70 = 755$
	$299 + 4 = 303$	$789 + 40 = 829$	$688 + 7 = 695$	$785 + 70 = 855$

3	$7 + 3 = 10$	$70 + 30 = 100$	$9 + 4 = 13$	$90 + 40 = 130$
	$67 + 3 = 70$	$470 + 30 = 500$	$89 + 4 = 93$	$690 + 40 = 730$
	$367 + 3 = 370$	$475 + 30 = 505$	$789 + 4 = 793$	$790 + 40 = 830$
	$467 + 3 = 470$	$875 + 30 = 905$	$989 + 4 = 993$	$793 + 40 = 833$
	$487 + 3 = 490$	$879 + 30 = 909$	$979 + 4 = 983$	$796 + 40 = 836$

4	$8 + 3 = 11$	$80 + 30 = 110$	$9 + 5 = 14$	$90 + 50 = 140$
	$58 + 3 = 61$	$580 + 30 = 610$	$69 + 5 = 74$	$490 + 50 = 540$
	$258 + 3 = 261$	$780 + 30 = 810$	$269 + 5 = 274$	$790 + 50 = 840$
	$458 + 3 = 461$	$785 + 30 = 815$	$469 + 5 = 474$	$793 + 50 = 843$
	$478 + 3 = 481$	$885 + 30 = 915$	$489 + 5 = 494$	$493 + 50 = 543$

5	$8 + 5 = 13$	$80 + 50 = 130$	$9 + 8 = 17$	$90 + 80 = 170$
	$68 + 5 = 73$	$280 + 50 = 330$	$69 + 8 = 77$	$590 + 80 = 670$
	$668 + 5 = 673$	$285 + 50 = 335$	$269 + 8 = 277$	$591 + 80 = 671$
	$468 + 5 = 473$	$685 + 50 = 735$	$469 + 8 = 477$	$595 + 80 = 675$
	$448 + 5 = 453$	$680 + 50 = 730$	$459 + 8 = 467$	$795 + 80 = 875$



6	$250 + 4 = 254$	$468 + 8 = 476$	$756 + 3 = 759$	$876 + 2 = 878$
	$250 + 40 = 290$	$486 + 80 = 566$	$657 + 30 = 687$	$276 + 8 = 284$
	$250 + 400 = 650$	$648 + 80 = 728$	$576 + 30 = 606$	$278 + 60 = 338$
	$540 + 200 = 740$	$864 + 8 = 872$	$576 + 3 = 579$	$268 + 70 = 338$
	$450 + 20 = 470$	$846 + 8 = 854$	$576 + 300 = 876$	$682 + 70 = 752$

7	$362 + 9 = 371$	$565 + 8 = 573$	$234 + 7 = 241$	$678 + 2 = 680$
	$639 + 2 = 641$	$556 + 8 = 564$	$234 + 70 = 304$	$678 + 20 = 698$
	$639 + 20 = 659$	$558 + 60 = 618$	$234 + 700 = 934$	$678 + 200 = 878$
	$932 + 6 = 938$	$585 + 60 = 645$	$324 + 70 = 394$	$786 + 20 = 806$
	$932 + 60 = 992$	$886 + 50 = 936$	$423 + 7 = 430$	$786 + 200 = 986$

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

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

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



Einfache Minusaufgaben

1	$12 - 5 = 7$	$120 - 50 = 70$	$15 - 6 = 9$	$150 - 60 = 90$
	$42 - 5 = 37$	$420 - 50 = 370$	$55 - 6 = 49$	$650 - 60 = 590$
	$342 - 5 = 337$	$421 - 50 = 371$	$255 - 6 = 249$	$653 - 60 = 593$
	$442 - 5 = 437$	$621 - 50 = 571$	$455 - 6 = 449$	$453 - 60 = 393$
	$452 - 5 = 447$	$625 - 50 = 575$	$435 - 6 = 429$	$457 - 60 = 397$

2	$120 - 40 = 80$	$16 - 7 = 9$	$160 - 70 = 90$	$14 - 8 = 6$
	$620 - 40 = 580$	$416 - 7 = 409$	$360 - 70 = 290$	$214 - 8 = 206$
	$628 - 40 = 588$	$616 - 7 = 609$	$362 - 70 = 292$	$254 - 8 = 246$
	$428 - 40 = 388$	$636 - 7 = 629$	$562 - 70 = 492$	$654 - 8 = 646$
	$426 - 40 = 386$	$836 - 7 = 829$	$567 - 70 = 497$	$664 - 8 = 656$

3	$10 - 3 = 7$	$100 - 30 = 70$	$13 - 4 = 9$	$130 - 40 = 90$
	$510 - 3 = 507$	$600 - 30 = 570$	$83 - 4 = 79$	$530 - 40 = 490$
	$540 - 3 = 537$	$605 - 30 = 575$	$183 - 4 = 179$	$536 - 40 = 496$
	$580 - 3 = 577$	$705 - 30 = 675$	$483 - 4 = 479$	$636 - 40 = 596$
	$780 - 3 = 777$	$709 - 30 = 679$	$493 - 4 = 489$	$639 - 40 = 599$

4	$11 - 3 = 8$	$110 - 30 = 80$	$14 - 5 = 9$	$140 - 50 = 90$
	$71 - 3 = 68$	$310 - 30 = 280$	$74 - 5 = 69$	$740 - 50 = 690$
	$271 - 3 = 268$	$315 - 30 = 285$	$274 - 5 = 269$	$746 - 50 = 696$
	$471 - 3 = 468$	$615 - 30 = 585$	$264 - 5 = 259$	$546 - 50 = 496$
	$491 - 3 = 488$	$619 - 30 = 589$	$464 - 5 = 459$	$548 - 50 = 498$

5	$13 - 7 = 6$	$130 - 70 = 60$	$17 - 8 = 9$	$170 - 80 = 90$
	$83 - 7 = 76$	$430 - 70 = 360$	$67 - 8 = 59$	$670 - 80 = 590$
	$283 - 7 = 276$	$436 - 70 = 366$	$267 - 8 = 259$	$675 - 80 = 595$
	$293 - 7 = 286$	$536 - 70 = 466$	$467 - 8 = 459$	$775 - 80 = 695$
	$493 - 7 = 486$	$539 - 70 = 469$	$457 - 8 = 449$	$779 - 80 = 699$



6	254 - 4 = 250	476 - 8 = 468	759 - 3 = 756	878 - 2 = 876
	290 - 40 = 250	566 - 80 = 486	687 - 30 = 657	284 - 8 = 276
	650 - 400 = 250	728 - 80 = 648	606 - 30 = 576	338 - 60 = 278
	740 - 200 = 540	872 - 8 = 864	579 - 3 = 576	318 - 70 = 248
	470 - 20 = 450	854 - 8 = 846	876 - 300 = 576	752 - 70 = 682

7	362 - 9 = 353	565 - 8 = 577	234 - 7 = 227	678 - 2 = 676
	639 - 2 = 637	556 - 8 = 548	234 - 70 = 164	678 - 20 = 658
	639 - 20 = 619	558 - 60 = 498	234 - 700 = 234	678 - 200 = 478
	932 - 6 = 926	585 - 60 = 525	324 - 70 = 254	786 - 20 = 766
	932 - 60 = 872	886 - 50 = 836	423 - 7 = 416	786 - 200 = 586

8	101 - 6 = 95	891 - 70 = 821	160 - 70 = 90	448 - 4 = 444
	801 - 6 = 795	351 - 80 = 271	560 - 70 = 490	484 - 40 = 444
	881 - 5 = 876	801 - 80 = 721	560 - 90 = 470	844 - 400 = 444
	729 - 50 = 679	180 - 8 = 172	810 - 90 = 720	451 - 7 = 444
	757 - 60 = 697	297 - 80 = 217	830 - 40 = 790	514 - 70 = 444

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

10	380 - 4 = 376	156 - 8 = 148	442 - 5 = 437	662 - 3 = 659
	416 - 40 = 376	228 - 80 = 148	487 - 50 = 437	689 - 30 = 659
	776 - 400 = 376	948 - 800 = 148	937 - 500 = 437	959 - 300 = 659
	380 - 5 = 375	266 - 7 = 259	287 - 50 = 237	725 - 30 = 695
	425 - 50 = 375	229 - 70 = 159	737 - 500 = 237	995 - 300 = 695



Einfache Plus- und Minusaufgaben

1

$123 + 8 = 131$	$401 + 9 = 410$	$600 + 5 = 605$	$441 - 2 = 439$
$123 + 80 = 203$	$401 + 90 = 491$	$600 - 50 = 550$	$441 - 20 = 421$
$123 + 800 = 923$	$401 - 9 = 392$	$600 + 50 = 650$	$441 - 200 = 241$
$123 - 80 = 43$	$401 - 90 = 311$	$600 - 5 = 595$	$441 + 200 = 641$
$123 - 8 = 115$	$401 - 100 = 301$	$600 - 500 = 100$	$441 + 20 = 461$

2

$625 - 7 = 618$	$841 - 4 = 837$	$343 - 6 = 337$	$456 + 1 = 457$
$625 + 7 = 632$	$841 + 4 = 845$	$343 + 6 = 349$	$456 - 1 = 455$
$625 + 70 = 695$	$841 + 40 = 881$	$343 - 60 = 283$	$546 - 10 = 536$
$625 - 70 = 555$	$841 - 40 = 801$	$343 + 60 = 403$	$546 + 10 = 556$
$725 - 70 = 655$	$841 - 400 = 441$	$343 + 600 = 943$	$546 + 100 = 646$

3

$299 + 3 = 302$	$266 + 200 = 466$	$495 + 500 = 995$	$632 - 80 = 552$
$299 - 3 = 296$	$266 - 200 = 66$	$495 - 50 = 445$	$632 + 80 = 712$
$299 + 30 = 329$	$266 - 20 = 246$	$495 + 50 = 545$	$632 + 8 = 640$
$299 - 30 = 269$	$266 + 20 = 286$	$495 - 5 = 490$	$632 - 8 = 624$
$299 + 300 = 599$	$266 + 2 = 268$	$495 + 5 = 500$	$623 - 80 = 543$

4

$156 - 70 = 86$	$617 - 200 = 417$	$13 - 6 = 7$	$437 + 9 = 446$
$156 - 9 = 147$	$342 + 300 = 642$	$213 - 6 = 207$	$437 + 90 = 527$
$156 + 7 = 163$	$342 - 60 = 282$	$213 - 60 = 153$	$437 - 90 = 347$
$156 + 70 = 226$	$342 + 60 = 402$	$213 + 80 = 293$	$437 - 300 = 137$
$156 + 700 = 856$	$342 - 6 = 336$	$263 + 80 = 343$	$437 + 7 = 444$

5

$912 - 20 = 892$	$260 - 9 = 251$	$111 - 3 = 108$	$121 + 500 = 621$
$892 - 200 = 692$	$651 + 300 = 951$	$111 + 300 = 411$	$211 - 5 = 206$
$298 + 100 = 398$	$851 - 60 = 791$	$222 - 60 = 162$	$112 - 50 = 62$
$298 + 7 = 305$	$721 - 6 = 715$	$333 + 70 = 403$	$712 - 50 = 662$
$405 - 60 = 345$	$127 + 200 = 327$	$444 + 9 = 453$	$217 + 5 = 222$



1	$7 + \underline{7} = 14$	$6 + \underline{7} = 13$	$9 + \underline{3} = 12$	$8 + \underline{7} = 15$
	$47 + \underline{7} = 54$	$76 + \underline{8} = 84$	$49 + \underline{3} = 52$	$58 + \underline{7} = 65$
	$254 + \underline{90} = 344$	$784 + \underline{40} = 824$	$552 + \underline{8} = 560$	$465 + \underline{50} = 515$
	$344 + \underline{70} = 414$	$724 + \underline{7} = 731$	$560 + \underline{50} = 610$	$515 + \underline{8} = 523$
	$414 + \underline{7} = 421$	$731 + \underline{70} = 801$	$610 + \underline{80} = 690$	$523 + \underline{8} = 531$

2	$5 + \underline{6} = 11$	$6 + \underline{5} = 11$	$9 + \underline{4} = 13$	$7 + \underline{6} = 13$
	$65 + \underline{9} = 74$	$26 + \underline{5} = 31$	$69 + \underline{4} = 73$	$27 + \underline{6} = 33$
	$274 + \underline{50} = 324$	$431 + \underline{7} = 438$	$273 + \underline{8} = 281$	$433 + \underline{9} = 442$
	$324 + \underline{8} = 332$	$738 + \underline{8} = 746$	$281 + \underline{20} = 301$	$542 + \underline{70} = 612$
	$332 + \underline{70} = 402$	$746 + \underline{6} = 752$	$301 + \underline{9} = 310$	$612 + \underline{10} = 622$

3	$7 + \underline{4} = 11$	$4 + \underline{8} = 12$	$5 + \underline{8} = 13$	$8 + \underline{5} = 13$
	$67 + \underline{7} = 74$	$34 + \underline{10} = 44$	$75 + \underline{8} = 83$	$48 + \underline{5} = 53$
	$874 + \underline{7} = 881$	$544 + \underline{70} = 614$	$483 + \underline{60} = 543$	$153 + \underline{80} = 233$
	$881 + \underline{40} = 921$	$614 + \underline{8} = 622$	$543 + \underline{8} = 551$	$233 + \underline{9} = 242$
	$921 + \underline{9} = 930$	$622 + \underline{9} = 631$	$551 + \underline{90} = 641$	$242 + \underline{20} = 262$

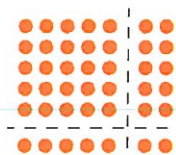
4	$9 + \underline{5} = 14$	$3 + \underline{8} = 11$	$6 + \underline{6} = 12$	$4 + \underline{11} = 15$
	$89 + \underline{5} = 94$	$43 + \underline{8} = 51$	$92 + \underline{5} = 97$	$35 + \underline{7} = 42$
	$194 + \underline{10} = 204$	$451 + \underline{80} = 531$	$297 + \underline{50} = 347$	$642 + \underline{70} = 712$
	$204 + \underline{7} = 211$	$531 + \underline{70} = 601$	$347 + \underline{6} = 353$	$712 + \underline{8} = 720$
	$211 + \underline{90} = 301$	$601 + \underline{9} = 610$	$353 + \underline{50} = 403$	$720 + \underline{80} = 800$

5	$8 + \underline{4} = 12$	$2 + \underline{11} = 13$	$5 + \underline{7} = 12$	$3 + \underline{9} = 12$
	$52 + \underline{9} = 61$	$32 + \underline{4} = 36$	$42 + \underline{6} = 48$	$72 + \underline{5} = 77$
	$461 + \underline{40} = 501$	$836 + \underline{6} = 842$	$348 + \underline{8} = 356$	$477 + \underline{4} = 481$
	$501 + \underline{2} = 503$	$842 + \underline{60} = 902$	$356 + \underline{60} = 416$	$481 + \underline{40} = 521$
	$503 + \underline{9} = 512$	$902 + \underline{9} = 911$	$416 + \underline{8} = 424$	$521 + \underline{5} = 526$

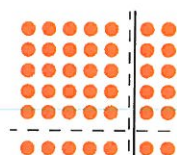


Einmaleins am Malkreuz

1

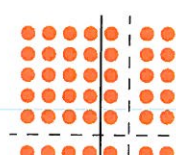


$$6 \cdot 7 = \underline{42}$$



.	5	2
6	30	12

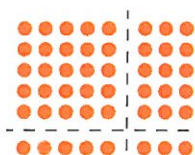
$$30 + 12 = \underline{42}$$



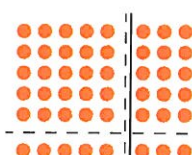
.	4	3
6	24	18

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

2

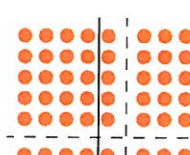


$$6 \cdot 8 = \underline{48}$$



.	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

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

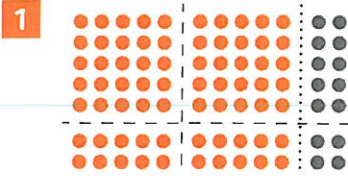
5 $5 \cdot 9 = \underline{45}$

.	5	4
5	25	20

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

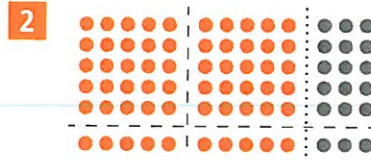
.	7	2
5	35	10

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



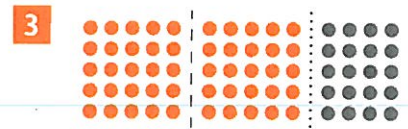
·	10	2
7	70	14

$$7 \cdot 12 = 84$$



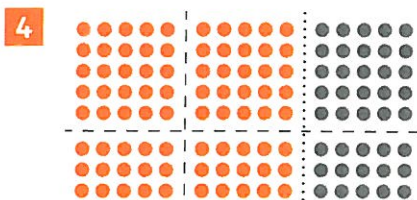
·	10	3
6	60	18

$$6 \cdot 13 = 78$$



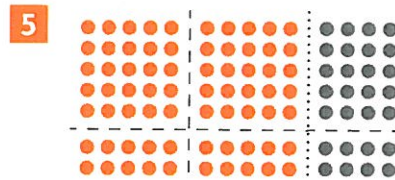
·	10	4
5	50	20

$$5 \cdot 14 = 70$$



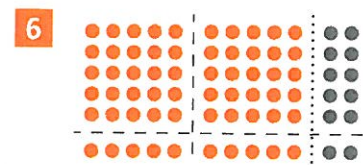
·	10	5
8	80	40

$$8 \cdot 15 = 120$$



·	10	4
7	70	28

$$7 \cdot 14 = 98$$



·	10	2
6	60	12

$$6 \cdot 12 = 72$$

7

·	10	7
5	50	35

$$5 \cdot 17 = 85$$

8

·	10	5
7	70	35

$$7 \cdot 15 = 105$$

9

·	10	3
8	80	24

$$8 \cdot 13 = 104$$

10

·	10	5
5	50	25

$$5 \cdot 15 = 75$$

11

·	10	8
6	60	48

$$6 \cdot 18 = 108$$

12

·	10	6
8	80	48

$$8 \cdot 16 = 128$$

13

·	10	2
4	40	8

$$4 \cdot 12 = 48$$

14

·	10	2
9	90	18

$$9 \cdot 12 = 108$$

15

·	10	8
3	30	24

$$3 \cdot 18 = 54$$



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	8	0

b)

H	Z	E
	3	6

H	Z	E

 $\xrightarrow{\cdot 10}$

H	Z	E

H	Z	E
3	6	0

c)

H	Z	E
	4	7

H	Z	E

 $\xrightarrow{\cdot 10}$

H	Z	E

H	Z	E
4	7	0

d)

H	Z	E
	1	2

H	Z	E

 $\xrightarrow{\cdot 10}$

H	Z	E

H	Z	E
1	2	0

2 a) $3 \cdot 10 = 30$
 $10 \cdot 10 = 100$
 $13 \cdot 10 = 130$
 $23 \cdot 10 = 230$
 $32 \cdot 10 = 320$

b) $4 \cdot 10 = 40$
 $30 \cdot 10 = 300$
 $34 \cdot 10 = 340$
 $44 \cdot 10 = 440$
 $54 \cdot 10 = 540$

c) $8 \cdot 10 = 80$
 $40 \cdot 10 = 400$
 $48 \cdot 10 = 480$
 $49 \cdot 10 = 490$
 $50 \cdot 10 = 500$

d) $10 \cdot 10 = 100$
 $20 \cdot 10 = 200$
 $30 \cdot 10 = 300$
 $50 \cdot 10 = 500$
 $70 \cdot 10 = 700$

3 a) $10 \cdot 78 = 780$
 $10 \cdot 79 = 790$
 $10 \cdot 80 = 800$
 $10 \cdot 81 = 810$
 $10 \cdot 82 = 820$

b) $10 \cdot 24 = 240$
 $10 \cdot 42 = 420$
 $10 \cdot 84 = 840$
 $10 \cdot 46 = 460$
 $10 \cdot 50 = 500$

c) $10 \cdot 2 = 20$
 $10 \cdot 4 = 40$
 $10 \cdot 16 = 160$
 $10 \cdot 32 = 320$
 $10 \cdot 64 = 640$

d) $8 \cdot 10 = 80$
 $16 \cdot 10 = 160$
 $24 \cdot 10 = 240$
 $32 \cdot 10 = 320$
 $40 \cdot 10 = 400$

4 a) $11 \cdot 10 = 110$
 $10 \cdot 11 = 110$
 $22 \cdot 10 = 220$
 $10 \cdot 22 = 220$
 $10 \cdot 44 = 440$

b) $8 \cdot 10 = 80$
 $80 \cdot 10 = 800$
 $10 \cdot 8 = 80$
 $10 \cdot 80 = 800$
 $86 \cdot 10 = 860$

c) $9 \cdot 10 = 90$
 $90 \cdot 10 = 900$
 $10 \cdot 9 = 90$
 $10 \cdot 90 = 900$
 $10 \cdot 93 = 930$

d) $37 \cdot 10 = 370$
 $46 \cdot 10 = 460$
 $10 \cdot 55 = 550$
 $10 \cdot 64 = 640$
 $64 \cdot 10 = 640$



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) $60 : 10 = 6$
 $120 : 10 = 12$
 $240 : 10 = 24$
 $480 : 10 = 48$
 $840 : 10 = 84$

b) $1000 : 10 = 100$
 $900 : 10 = 90$
 $920 : 10 = 92$
 $720 : 10 = 72$
 $20 : 10 = 2$

c) $500 : 10 = 50$
 $50 : 10 = 5$
 $550 : 10 = 55$
 $600 : 10 = 60$
 $10 : 10 = 1$

d) $230 : 10 = 23$
 $460 : 10 = 46$
 $640 : 10 = 64$
 $320 : 10 = 32$
 $40 : 10 = 4$

3 a) $160 : 10 = 16$
 $360 : 10 = 36$
 $630 : 10 = 63$
 $30 : 10 = 3$
 $300 : 10 = 30$

b) $70 : 10 = 7$
 $270 : 10 = 27$
 $720 : 10 = 72$
 $710 : 10 = 71$
 $170 : 10 = 17$

c) $800 : 10 = 80$
 $80 : 10 = 8$
 $400 : 10 = 40$
 $40 : 10 = 4$
 $440 : 10 = 44$

d) $680 : 10 = 68$
 $340 : 10 = 34$
 $70 : 10 = 7$
 $670 : 10 = 67$
 $760 : 10 = 76$

4 a) $150 : 10 = 15$
 $250 : 10 = 25$
 $350 : 10 = 35$
 $530 : 10 = 53$
 $520 : 10 = 52$

b) $280 : 10 = 28$
 $140 : 10 = 14$
 $70 : 10 = 7$
 $700 : 10 = 70$
 $770 : 10 = 77$

c) $160 : 10 = 16$
 $610 : 10 = 61$
 $10 : 10 = 1$
 $60 : 10 = 6$
 $960 : 10 = 96$

d) $140 : 10 = 14$
 $280 : 10 = 28$
 $560 : 10 = 56$
 $650 : 10 = 65$
 $820 : 10 = 82$



Zehner-Einmaleins

Rechne mit Zehnern wie mit Einern.

1



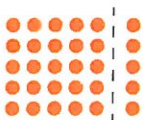
$$2 \cdot 7 = \underline{14}$$

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

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



2



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

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

$$5 \cdot 60 = \underline{300}$$



3



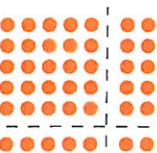
$$4 \cdot 5 = \underline{20}$$

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

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



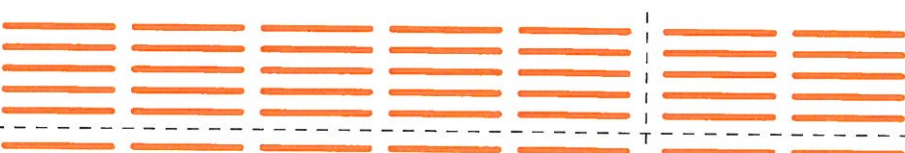
4



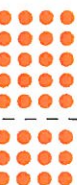
$$6 \cdot 7 = \underline{42}$$

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

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



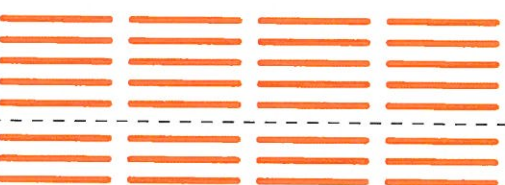
5



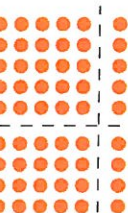
$$8 \cdot 4 = \underline{32}$$

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

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



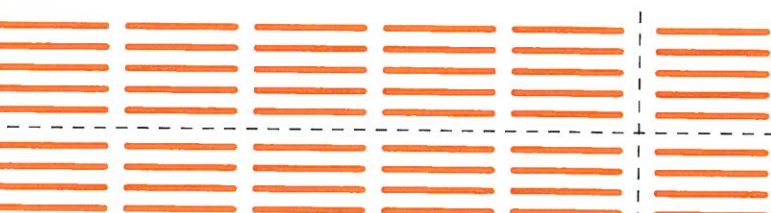
6



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

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

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





1 a) $9 \cdot 5 = 45$
 $9 \cdot 50 = 450$
 $90 \cdot 5 = 450$
 $450 : 5 = 90$
 $450 : 50 = 9$

b) $6 \cdot 5 = 30$
 $6 \cdot 50 = 300$
 $60 \cdot 5 = 300$
 $300 : 5 = 60$
 $300 : 50 = 6$

c) $9 \cdot 3 = 27$
 $9 \cdot 30 = 270$
 $90 \cdot 3 = 270$
 $270 : 3 = 90$
 $270 : 30 = 9$

d) $6 \cdot 7 = 42$
 $6 \cdot 70 = 420$
 $60 \cdot 7 = 420$
 $420 : 7 = 60$
 $420 : 70 = 6$

2 a) $8 \cdot 8 = 64$
 $8 \cdot 80 = 640$
 $80 \cdot 8 = 640$
 $640 : 8 = 80$
 $640 : 80 = 8$

b) $8 \cdot 10 = 80$
 $8 \cdot 100 = 800$
 $80 \cdot 10 = 800$
 $800 : 10 = 80$
 $800 : 100 = 8$

c) $5 \cdot 4 = 20$
 $5 \cdot 40 = 200$
 $50 \cdot 4 = 200$
 $200 : 4 = 50$
 $200 : 40 = 5$

d) $8 \cdot 7 = 56$
 $8 \cdot 70 = 560$
 $80 \cdot 7 = 560$
 $560 : 7 = 80$
 $560 : 70 = 8$

3 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) $7 \cdot 9 = 63$
 $7 \cdot 90 = 630$
 $90 \cdot 7 = 630$
 $630 : 7 = 90$
 $630 : 70 = 9$

4 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) $8 \cdot 4 = 32$
 $8 \cdot 40 = 320$
 $80 \cdot 4 = 320$
 $320 : 4 = 80$
 $320 : 40 = 8$

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

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

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

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

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