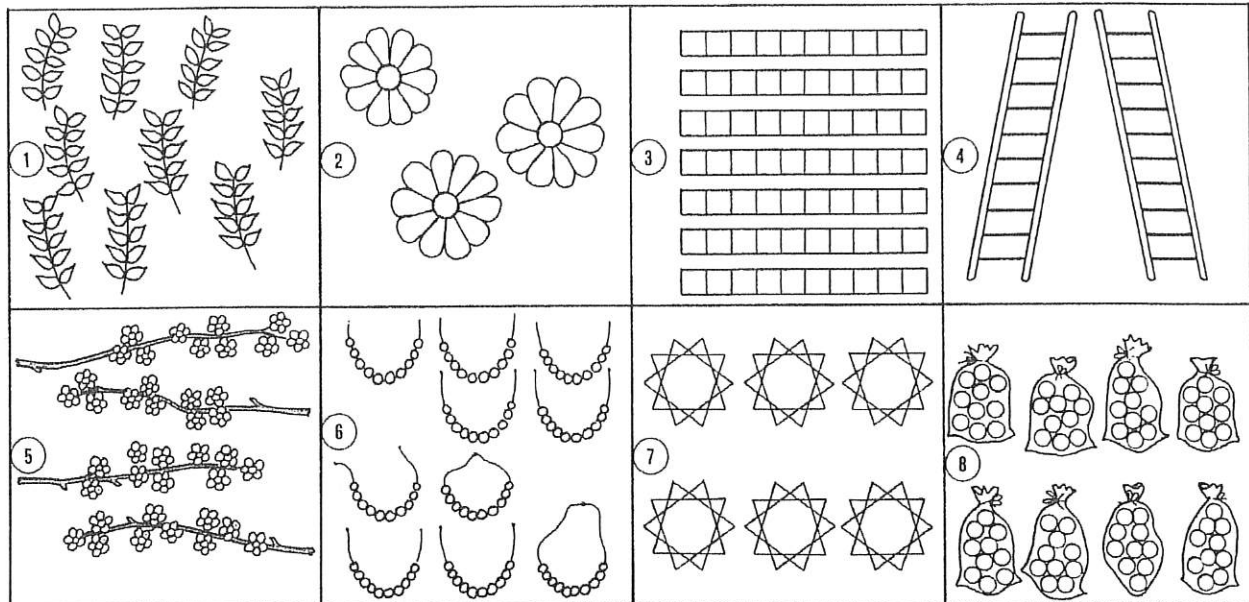


Die Zehnerreihe



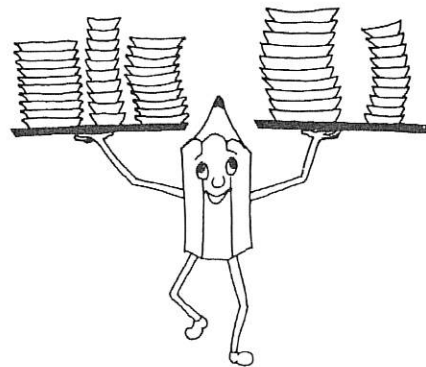
- 9 $10+10+10+10+10+10+10+10+10$
- 10 $10+10+10+10$
- 11 10
- 12 $10+10+10+10+10$

- 13 $10+10+10+10+10+10+10+10+10$
- 14 $10+10+10+10+10+10$
- 15 $10+10+10$
- 16 $10+10+10+10+10+10+10$

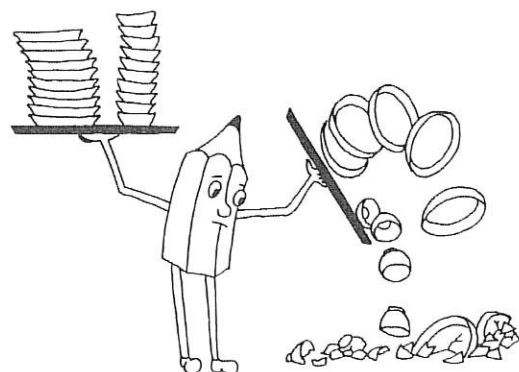
- 17 $2 \cdot 10$
- 18 $10 \cdot 10$
- 19 $5 \cdot 10$
- 20 $8 \cdot 10$
- 21 $4 \cdot 10$
- 22 $1 \cdot 10$
- 23 $6 \cdot 10$
- 24 $3 \cdot 10$

Die Zehnerreihe

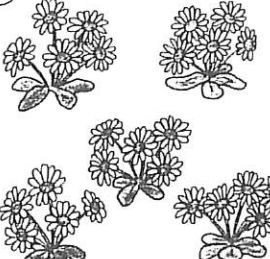
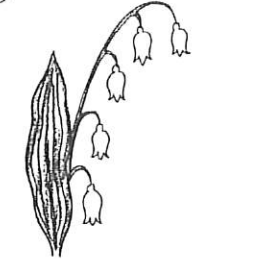
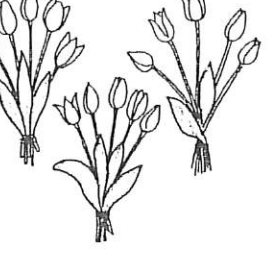

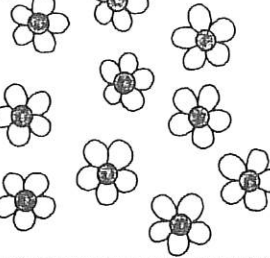
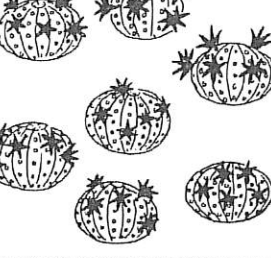
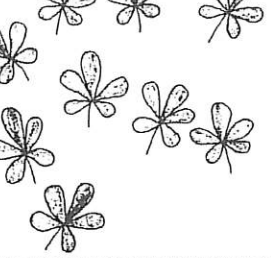

- 1 $3 \cdot 10$
- 2 $6 \cdot 10$
- 3 $1 \cdot 10$
- 4 $4 \cdot 10$
- 5 $8 \cdot 10$
- 6 $5 \cdot 10$
- 13 $(3 \cdot 10) + 20$
- 14 $(7 \cdot 10) - 60$
- 15 $(8 \cdot 10) - 40$
- 16 $(5 \cdot 10) + 40$
- 17 $(1 \cdot 10) + 70$
- 18 $(9 \cdot 10) - 30$



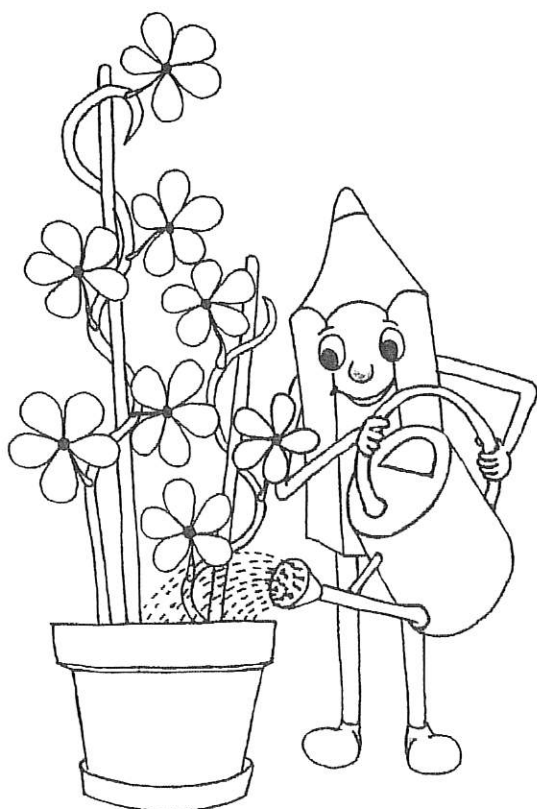
- 7 $10 \cdot 10$
- 8 $2 \cdot 10$
- 9 $7 \cdot 10$
- 10 $3 \cdot 10$
- 11 $6 \cdot 10$
- 12 $9 \cdot 10$
- 19 $(4 \cdot 10) + (6 \cdot 10)$
- 20 $(1 \cdot 10) + (3 \cdot 10)$
- 21 $(7 \cdot 10) - (5 \cdot 10)$
- 22 $(10 \cdot 10) - (3 \cdot 10)$
- 23 $(8 \cdot 10) - (5 \cdot 10)$
- 24 $(3 \cdot 10) + (6 \cdot 10)$



Die Fünferreihe

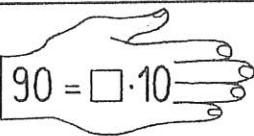
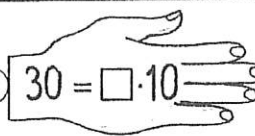
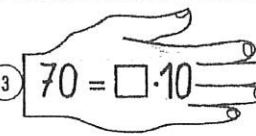
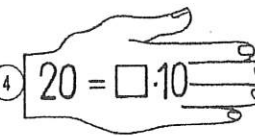
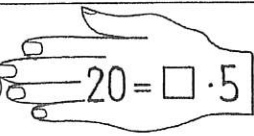
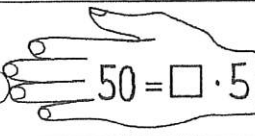
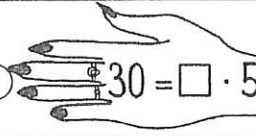
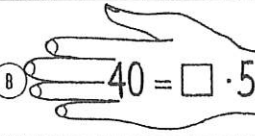
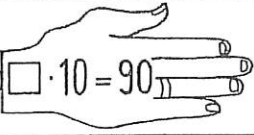
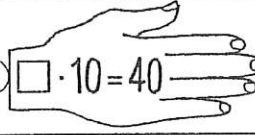
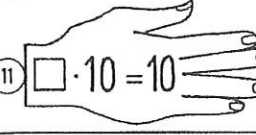
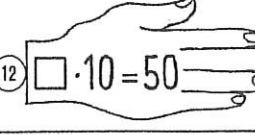
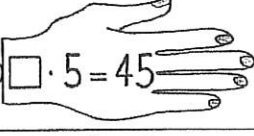
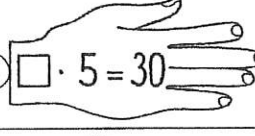
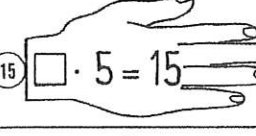
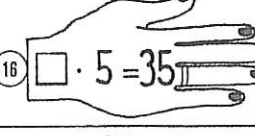
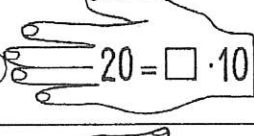
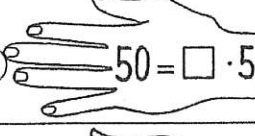
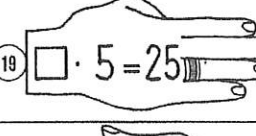
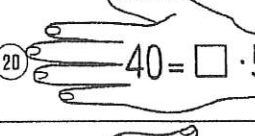
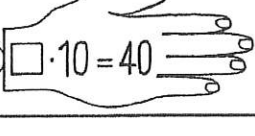
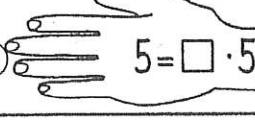
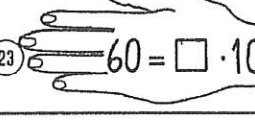
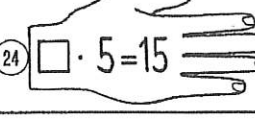
1 	2 	3 	4 
5 	6 	7 	8 
9 $5+5+5+5+5+5+5+5+5+5$	13 $5+5+5$	17 $5 \cdot 5$	21 $1 \cdot 5$
10 $5+5+5+5+5+5$	14 $5+5+5+5+5+5+5+5$	18 $7 \cdot 5$	22 $5 \cdot 5$
11 $5+5$	15 $5+5+5+5+5+5+5+5+5+5$	19 $3 \cdot 5$	23 $2 \cdot 5$
12 $5+5+5+5+5+5+5$	16 $5+5+5+5+5+5$	20 $9 \cdot 5$	24 $4 \cdot 5$

Die Fünferreihe



- | | |
|----------------|-------------------------------|
| ① $8 \cdot 5$ | ⑬ $(2 \cdot 5) + 20$ |
| ② $5 \cdot 5$ | ⑭ $(8 \cdot 5) + 10$ |
| ③ $10 \cdot 5$ | ⑮ $(4 \cdot 5) + 15$ |
| ④ $7 \cdot 5$ | ⑯ $(10 \cdot 5) - 40$ |
| ⑤ $3 \cdot 5$ | ⑰ $(7 \cdot 5) - 20$ |
| ⑥ $6 \cdot 5$ | ⑱ $(3 \cdot 5) + 10$ |
| ⑦ $1 \cdot 5$ | ⑲ $(8 \cdot 5) - (7 \cdot 5)$ |
| ⑧ $9 \cdot 5$ | ⑳ $(5 \cdot 5) + (2 \cdot 5)$ |
| ⑨ $4 \cdot 5$ | ㉑ $(3 \cdot 5) + (6 \cdot 5)$ |
| ⑩ $8 \cdot 5$ | ㉒ $(8 \cdot 5) - (4 \cdot 5)$ |
| ⑪ $5 \cdot 5$ | ㉓ $(2 \cdot 5) + (6 \cdot 5)$ |
| ⑫ $2 \cdot 5$ | ㉔ $(7 \cdot 5) - (5 \cdot 5)$ |

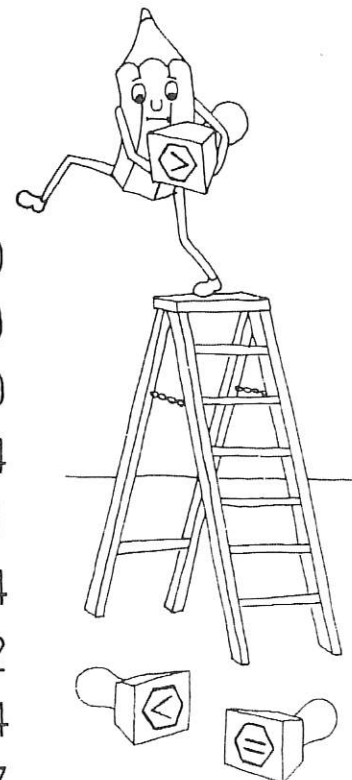
Zehnerreihe und Fünferreihe

①  $90 = \square \cdot 10$	②  $30 = \square \cdot 10$	③  $70 = \square \cdot 10$	④  $20 = \square \cdot 10$
⑤  $20 = \square \cdot 5$	⑥  $50 = \square \cdot 5$	⑦  $30 = \square \cdot 5$	⑧  $40 = \square \cdot 5$
⑨  $\square \cdot 10 = 90$	⑩  $\square \cdot 10 = 40$	⑪  $\square \cdot 10 = 10$	⑫  $\square \cdot 10 = 50$
⑬  $\square \cdot 5 = 45$	⑭  $\square \cdot 5 = 30$	⑮  $\square \cdot 5 = 15$	⑯  $\square \cdot 5 = 35$
⑰  $20 = \square \cdot 10$	⑱  $50 = \square \cdot 5$	⑲  $\square \cdot 5 = 25$	⑳  $40 = \square \cdot 5$
㉑  $\square \cdot 10 = 40$	㉒  $5 = \square \cdot 5$	㉓  $60 = \square \cdot 10$	㉔  $\square \cdot 5 = 15$

2B
11

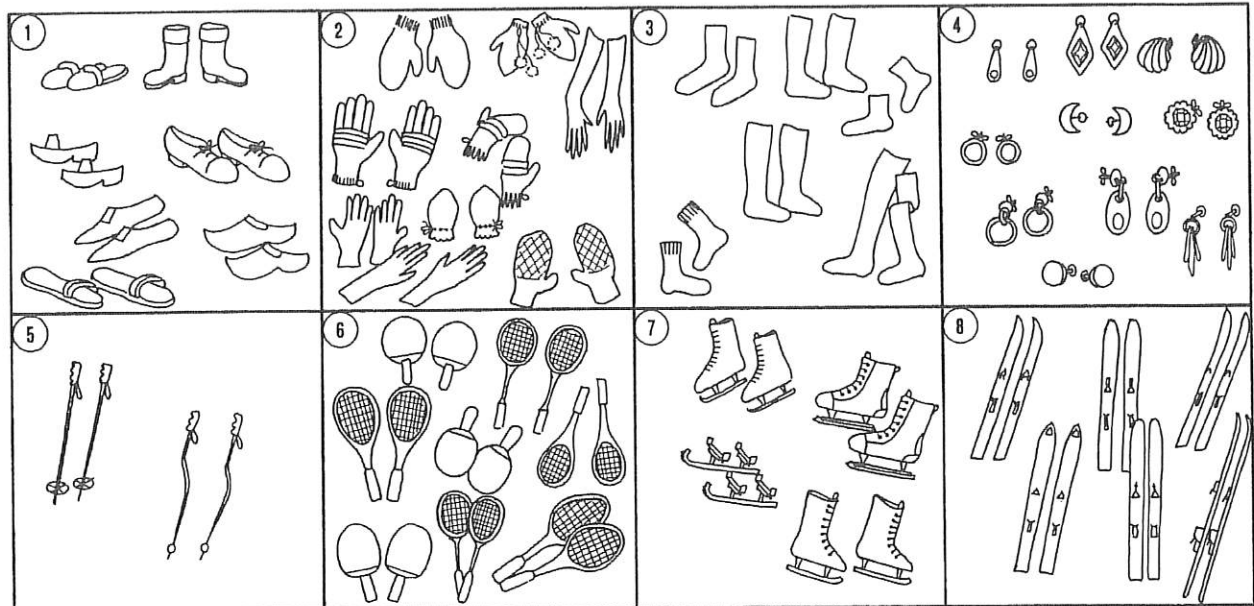
> oder < oder = ?

- | | |
|------------------------------------|--|
| ① $8 \cdot 10 \bigcirc 8 \cdot 5$ | ⑬ $(5 \cdot 5) + 10 \bigcirc 3 \cdot 10$ |
| ② $4 \cdot 5 \bigcirc 2 \cdot 10$ | ⑭ $(7 \cdot 10) - 20 \bigcirc 9 \cdot 5$ |
| ③ $5 \cdot 10 \bigcirc 10 \cdot 5$ | ⑮ $(7 \cdot 5) + 40 \bigcirc 8 \cdot 10$ |
| ④ $3 \cdot 5 \bigcirc 3 \cdot 10$ | ⑯ $7 \cdot 10 \bigcirc (10 \cdot 5) + 20$ |
| ⑤ $4 \cdot 10 \bigcirc 8 \cdot 5$ | ⑰ $8 \cdot 5 \bigcirc (10 \cdot 10) - 60$ |
| ⑥ $5 \cdot 5 \bigcirc 2 \cdot 10$ | ⑱ $6 \cdot 10 \bigcirc (6 \cdot 5) + 20$ |
| ⑦ $0 \cdot 10 \bigcirc 0 \cdot 5$ | ⑲ $(7 \cdot 5) + 7 \bigcirc (4 \cdot 10) + 4$ |
| ⑧ $1 \cdot 10 \bigcirc 1 \cdot 5$ | ⑳ $(3 \cdot 10) - 3 \bigcirc (6 \cdot 5) - 1$ |
| ⑨ $7 \cdot 5 \bigcirc 4 \cdot 10$ | ㉑ $(8 \cdot 5) + 6 \bigcirc (5 \cdot 10) - 4$ |
| ⑩ $6 \cdot 10 \bigcirc 10 \cdot 5$ | ㉒ $(6 \cdot 10) - 7 \bigcirc (10 \cdot 5) + 2$ |
| ⑪ $6 \cdot 5 \bigcirc 3 \cdot 10$ | ㉓ $(3 \cdot 5) + 8 \bigcirc (2 \cdot 10) + 4$ |
| ⑫ $3 \cdot 10 \bigcirc 7 \cdot 5$ | ㉔ $(5 \cdot 10) - 9 \bigcirc (7 \cdot 5) + 7$ |



2B
12

Die Zweierreihe



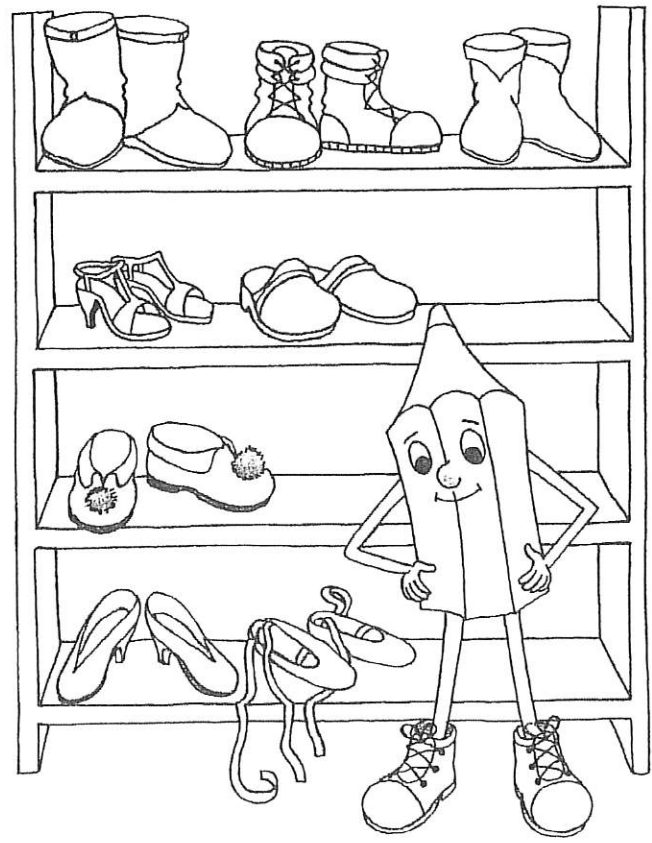
- 9 $2+2+2+2+2$
- 10 2
- 11 $2+2+2$
- 12 $2+2+2+2+2+2+2+2$

- 13 $2+2+2+2$
- 14 $2+2+2+2+2+2+2+2+2$
- 15 $2+2+2+2+2$
- 16 2

- 17 $7 \cdot 2$
- 18 $2 \cdot 2$
- 19 $4 \cdot 2$
- 20 $1 \cdot 2$
- 21 $3 \cdot 2$
- 22 $8 \cdot 2$
- 23 $10 \cdot 2$
- 24 $6 \cdot 2$

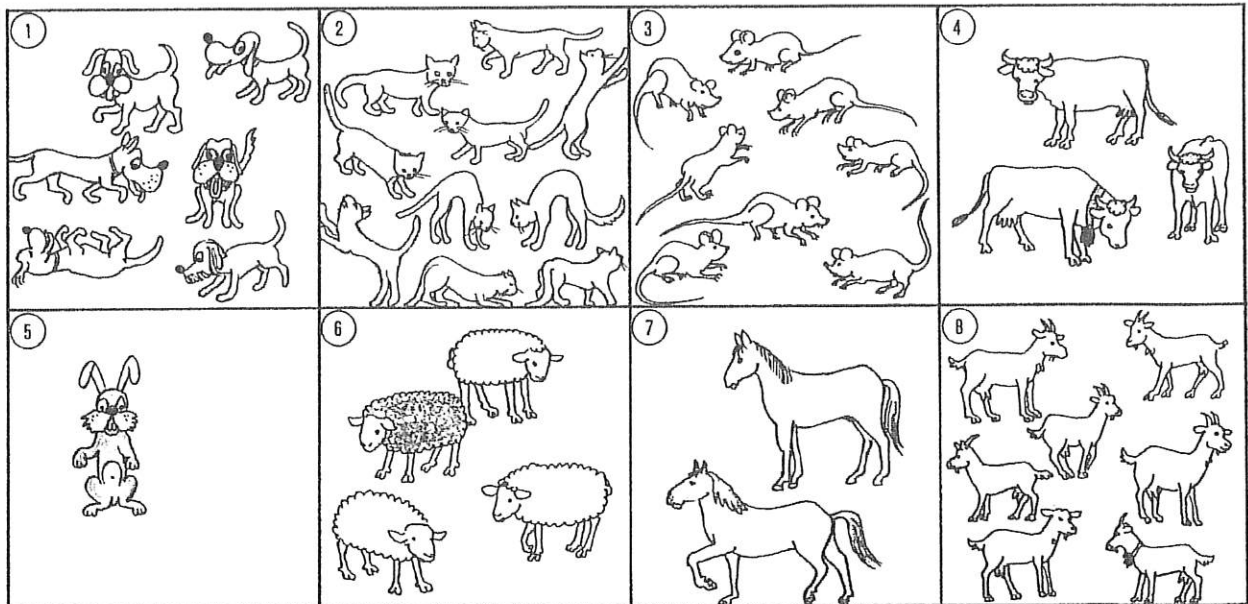
Die Zweierreihe

- 1 $8 \cdot 2$
- 2 $5 \cdot 2$
- 3 $10 \cdot 2$
- 4 $7 \cdot 2$
- 5 $3 \cdot 2$
- 6 $6 \cdot 2$
- 7 $1 \cdot 2$
- 8 $9 \cdot 2$
- 9 $4 \cdot 2$
- 10 $8 \cdot 2$
- 11 $5 \cdot 2$
- 12 $2 \cdot 2$



- 13 $(3 \cdot 2) + 6$
- 14 $(7 \cdot 2) + 6$
- 15 $(6 \cdot 2) + 2$
- 16 $(5 \cdot 2) - 6$
- 17 $(8 \cdot 2) - 10$
- 18 $(9 \cdot 2) - 8$
- 19 $(4 \cdot 2) - (3 \cdot 2)$
- 20 $(4 \cdot 2) + (3 \cdot 2)$
- 21 $(7 \cdot 2) + (2 \cdot 2)$
- 22 $(10 \cdot 2) - (6 \cdot 2)$
- 23 $(5 \cdot 2) + (3 \cdot 2)$
- 24 $(6 \cdot 2) - (4 \cdot 2)$

Die Viererreihe

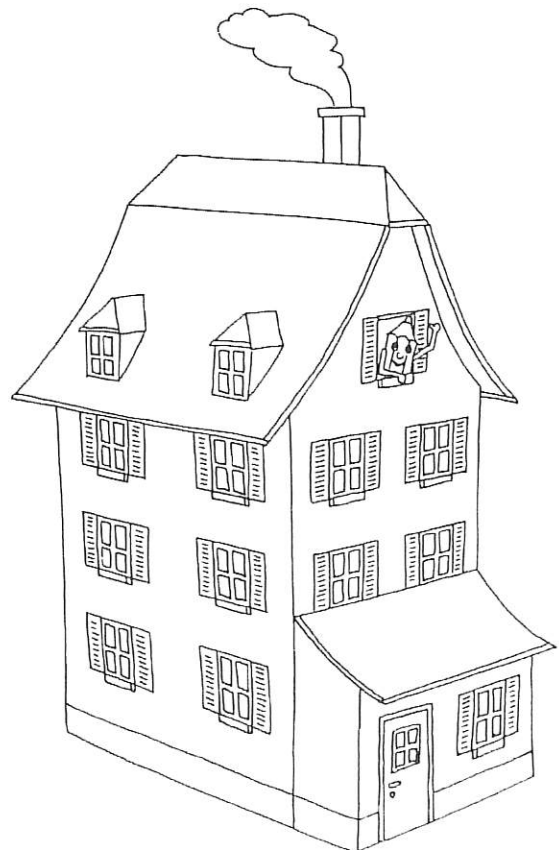


9 4	13 $4+4+4+4+4+4+4+4$	17 $6 \cdot 4$	21 $10 \cdot 4$
10 $4+4+4+4+4$	14 $4+4+4$	18 $4 \cdot 4$	22 $6 \cdot 4$
11 $4+4+4+4+4+4+4+4+4$	15 4	19 $8 \cdot 4$	23 $9 \cdot 4$
12 $4+4+4+4$	16 $4+4+4+4+4$	20 $2 \cdot 4$	24 $7 \cdot 4$

2B
15

Die Viererreihe

- | | |
|----------------|---------------------------------|
| 1 $5 \cdot 4$ | 13 $(2 \cdot 4) + 4$ |
| 2 $1 \cdot 4$ | 14 $(6 \cdot 4) + 8$ |
| 3 $3 \cdot 4$ | 15 $(5 \cdot 4) + 20$ |
| 4 $8 \cdot 4$ | 16 $(7 \cdot 4) - 4$ |
| 5 $10 \cdot 4$ | 17 $(10 \cdot 4) - 20$ |
| 6 $7 \cdot 4$ | 18 $(8 \cdot 4) - 4$ |
| 7 $9 \cdot 4$ | 19 $(5 \cdot 4) - (2 \cdot 4)$ |
| 8 $4 \cdot 4$ | 20 $(5 \cdot 4) + (4 \cdot 4)$ |
| 9 $10 \cdot 4$ | 21 $(10 \cdot 4) - (9 \cdot 4)$ |
| 10 $6 \cdot 4$ | 22 $(7 \cdot 4) - (2 \cdot 4)$ |
| 11 $2 \cdot 4$ | 23 $(0 \cdot 4) + (2 \cdot 4)$ |
| 12 $7 \cdot 4$ | 24 $(1 \cdot 4) + (3 \cdot 4)$ |



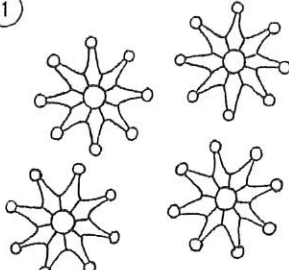
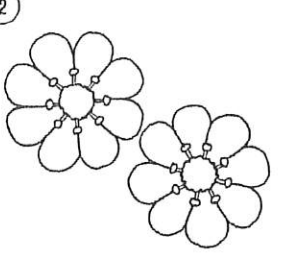
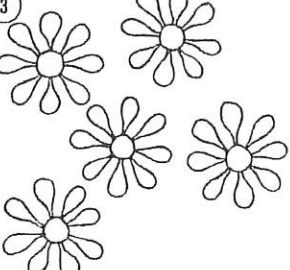
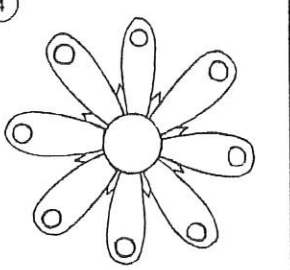
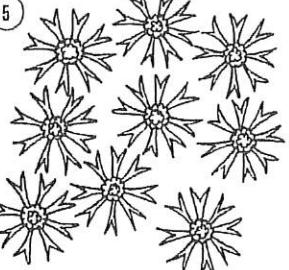
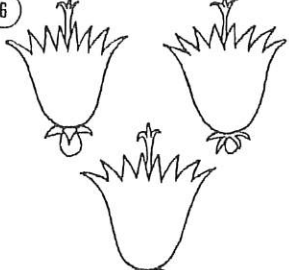
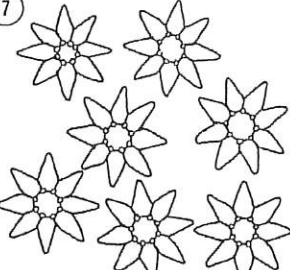
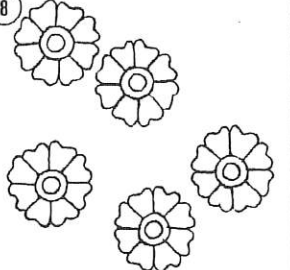
2B
16

Zweierreihe und Viererreihe

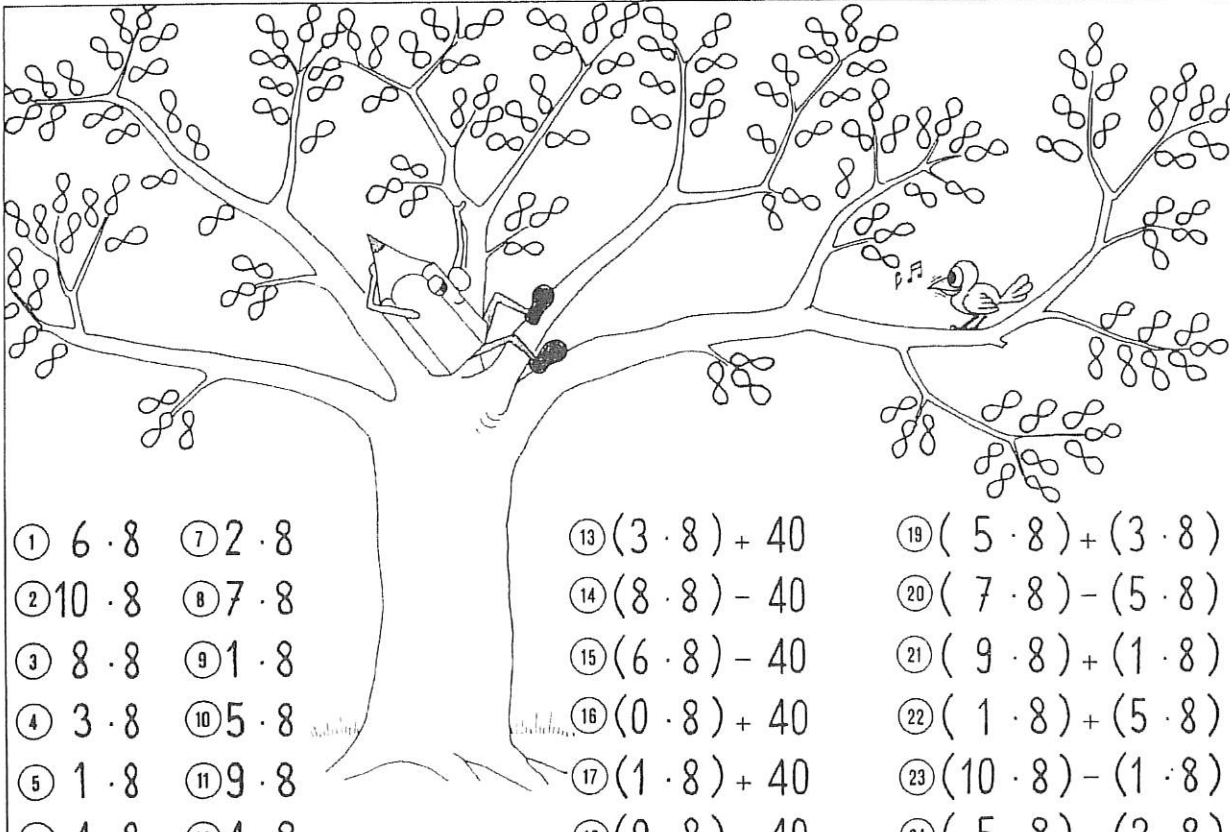
Zweierreihe und Viererreihe

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
5	4	4	7	6	6	8	9	3	5	7	6	8	7	3	5	10	6	8	8	2	10	7	9

Die Achterreihe

<p>1</p> 	<p>2</p> 	<p>3</p> 	<p>4</p> 
<p>5</p> 	<p>6</p> 	<p>7</p> 	<p>8</p> 
<p>9 $8 + 8 + 8 + 8 + 8 + 8$</p> <p>10 $8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8$</p> <p>11 $8 + 8 + 8 + 8 + 8 + 8 + 8 + 8$</p> <p>12 $8 + 8 + 8$</p>	<p>13 $8 + 8 + 8 + 8 + 8 + 8 + 8 + 8$</p> <p>14 $8 + 8$</p> <p>15 $8 + 8 + 8 + 8 + 8 + 8$</p> <p>16 $8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8$</p>	<p>17 $4 \cdot 8$</p> <p>18 $9 \cdot 8$</p> <p>19 $7 \cdot 8$</p> <p>20 $10 \cdot 8$</p>	<p>21 $8 \cdot 8$</p> <p>22 $3 \cdot 8$</p> <p>23 $1 \cdot 8$</p> <p>24 $5 \cdot 8$</p>

Die Achterreihe



1 $6 \cdot 8$	7 $2 \cdot 8$	13 $(3 \cdot 8) + 40$	19 $(5 \cdot 8) + (3 \cdot 8)$
2 $10 \cdot 8$	8 $7 \cdot 8$	14 $(8 \cdot 8) - 40$	20 $(7 \cdot 8) - (5 \cdot 8)$
3 $8 \cdot 8$	9 $1 \cdot 8$	15 $(6 \cdot 8) - 40$	21 $(9 \cdot 8) + (1 \cdot 8)$
4 $3 \cdot 8$	10 $5 \cdot 8$	16 $(0 \cdot 8) + 40$	22 $(1 \cdot 8) + (5 \cdot 8)$
5 $1 \cdot 8$	11 $9 \cdot 8$	17 $(1 \cdot 8) + 40$	23 $(10 \cdot 8) - (1 \cdot 8)$
6 $4 \cdot 8$	12 $4 \cdot 8$	18 $(9 \cdot 8) - 40$	24 $(5 \cdot 8) + (2 \cdot 8)$

Zweierreihe, Viererreihe und Achterreihe

① $40 = \square \cdot 8$ ⑬ $\square \cdot 4 = 12$

② $8 = \square \cdot 8$ ⑭ $\square \cdot 8 = 64$

③ $24 = \square \cdot 8$ ⑮ $\square \cdot 2 = 20$

④ $64 = \square \cdot 8$ ⑯ $\square \cdot 4 = 24$

⑤ $\square \cdot 8 = 80$ ⑰ $\square \cdot 8 = 40$

⑥ $\square \cdot 8 = 56$ ⑱ $28 = \square \cdot 4$

⑦ $\square \cdot 8 = 72$ ⑲ $6 = \square \cdot 2$

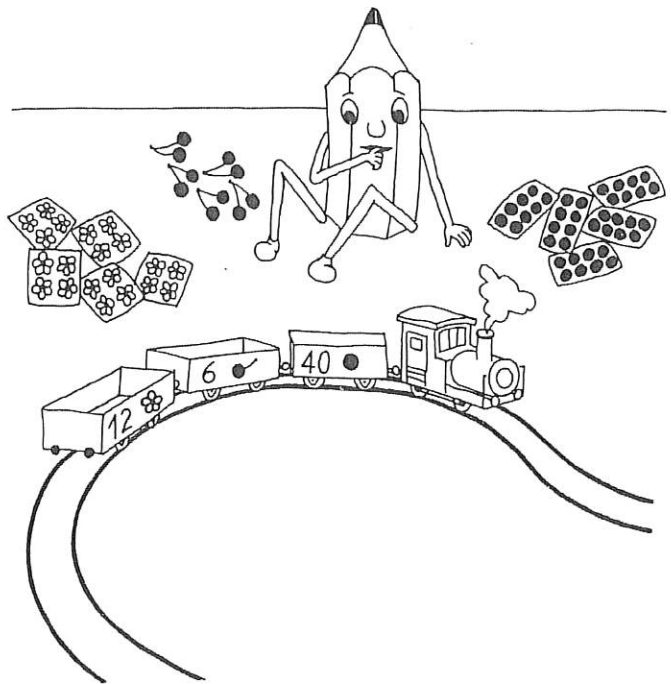
⑧ $\square \cdot 8 = 32$ ⑳ $\square \cdot 8 = 72$

⑨ $40 = \square \cdot 4$ ㉑ $4 = \square \cdot 4$

⑩ $48 = \square \cdot 8$ ㉒ $\square \cdot 8 = 40$

⑪ $4 = \square \cdot 2$ ㉓ $\square \cdot 8 = 16$

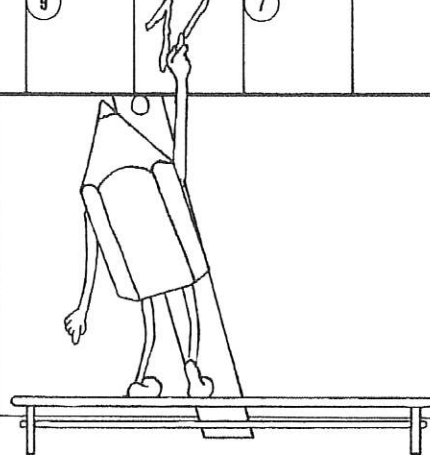
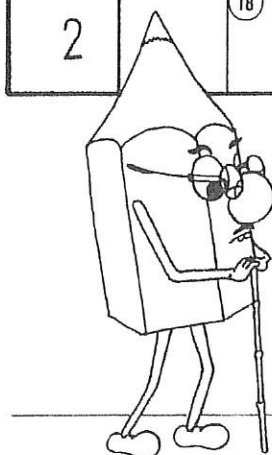
⑫ $56 = \square \cdot 8$ ㉔ $16 = \square \cdot 4$



2B
21

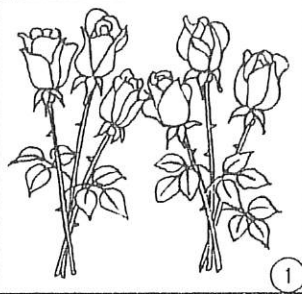
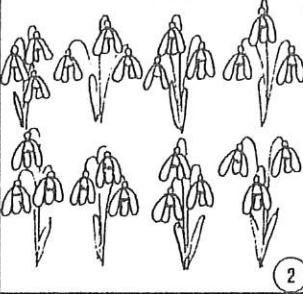
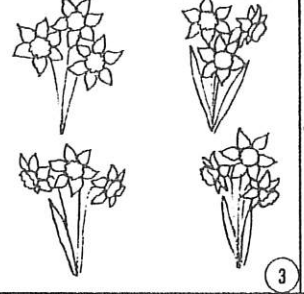
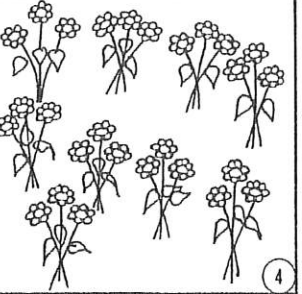
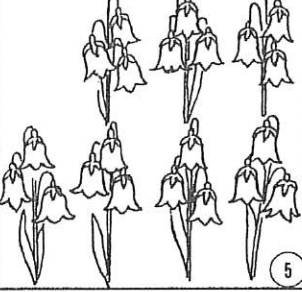
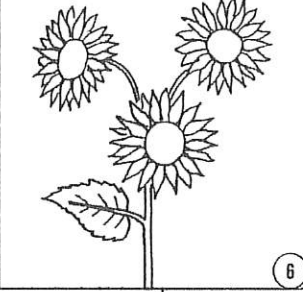
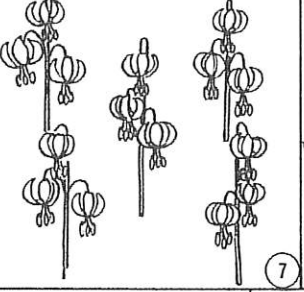
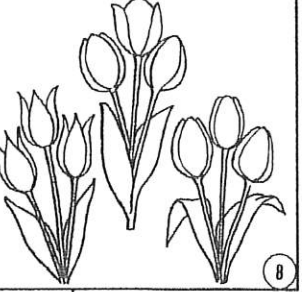
Zweierreihe, Viererreihe und Achterreihe

·	1	2	3	4	5	6	7	8	9	10
8	⑩	⑬	⑰	⑥	⑭		④		72	
4	⑤	⑳	⑮	⑲	⑧	①	⑪	⑫		②
2		⑱		⑯	10	⑨	⑲	⑦		③



2B
22

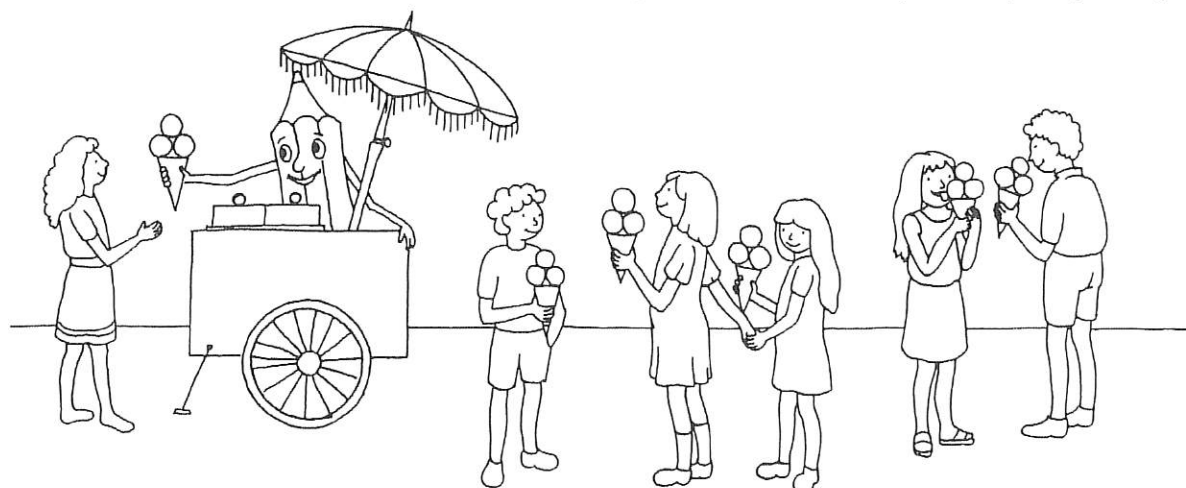
Die Dreierreihe

			
			
9 $3 + 3$	13 $3 + 3$	17 $9 \cdot 3$	21 $7 \cdot 3$
10 $3 + 3 + 3 + 3 + 3 + 3$	14 $3 + 3 + 3 + 3 + 3$	18 $1 \cdot 3$	22 $10 \cdot 3$
11 $3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3$	15 $3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3$	19 $6 \cdot 3$	23 $5 \cdot 3$
12 $3 + 3 + 3 + 3 + 3 + 3$	16 $3 + 3 + 3 + 3$	20 $3 \cdot 3$	24 $8 \cdot 3$

2B
23

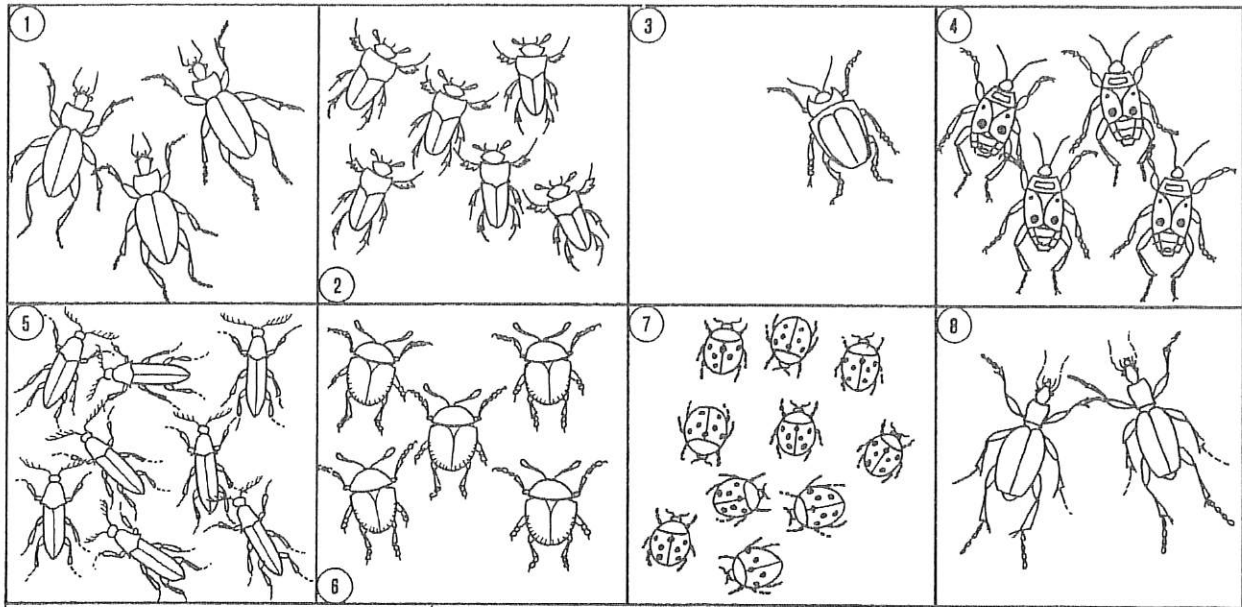
Die Dreierreihe

- | | | | |
|---------------|----------------|---------------------|--------------------------------|
| ① $3 \cdot 3$ | ⑦ $10 \cdot 3$ | ⑬ $(7 \cdot 3) - 6$ | ⑰ $(8 \cdot 3) + (2 \cdot 3)$ |
| ② $6 \cdot 3$ | ⑧ $2 \cdot 3$ | ⑭ $(4 \cdot 3) - 9$ | ⑱ $(7 \cdot 3) - (3 \cdot 3)$ |
| ③ $1 \cdot 3$ | ⑨ $7 \cdot 3$ | ⑮ $(7 \cdot 3) - 9$ | ⑲ $(4 \cdot 3) - (2 \cdot 3)$ |
| ④ $4 \cdot 3$ | ⑩ $3 \cdot 3$ | ⑯ $(8 \cdot 3) + 3$ | ⑳ $(5 \cdot 3) + (2 \cdot 3)$ |
| ⑤ $8 \cdot 3$ | ⑪ $6 \cdot 3$ | ⑰ $(6 \cdot 3) + 6$ | ㉓ $(0 \cdot 3) + (3 \cdot 3)$ |
| ⑥ $5 \cdot 3$ | ⑫ $9 \cdot 3$ | ⑱ $(9 \cdot 3) - 9$ | ㉔ $(10 \cdot 3) - (1 \cdot 3)$ |



2B
24

Die Sechserreihe



9 $6+6+6+6+6+6+6$

10 $6+6+6$

11 $6+6+6+6+6+6$

12 $6+6+6+6+6+6+6+6+6+6$

13 $6+6+6+6+6$

14 6

15 $6+6+6+6$

16 $6+6+6+6+6+6+6+6+6+6$

17 $8 \cdot 6$

18 $6 \cdot 6$

19 $10 \cdot 6$

20 $4 \cdot 6$

21 $2 \cdot 6$

22 $7 \cdot 6$

23 $3 \cdot 6$

24 $9 \cdot 6$

2B
25

Die Sechserreihe

1 $2 \cdot 6$

2 $8 \cdot 6$

3 $4 \cdot 6$

4 $9 \cdot 6$

5 $7 \cdot 6$

6 $1 \cdot 6$

13 $(7 \cdot 6) - 30$

14 $(6 \cdot 6) - 6$

15 $(3 \cdot 6) + 30$

16 $(5 \cdot 6) - 6$

17 $(4 \cdot 6) + 30$

18 $(6 \cdot 6) - 30$

7 $5 \cdot 6$

8 $3 \cdot 6$

9 $2 \cdot 6$

10 $7 \cdot 6$

11 $10 \cdot 6$

12 $6 \cdot 6$

19 $(7 \cdot 6) - (1 \cdot 6)$

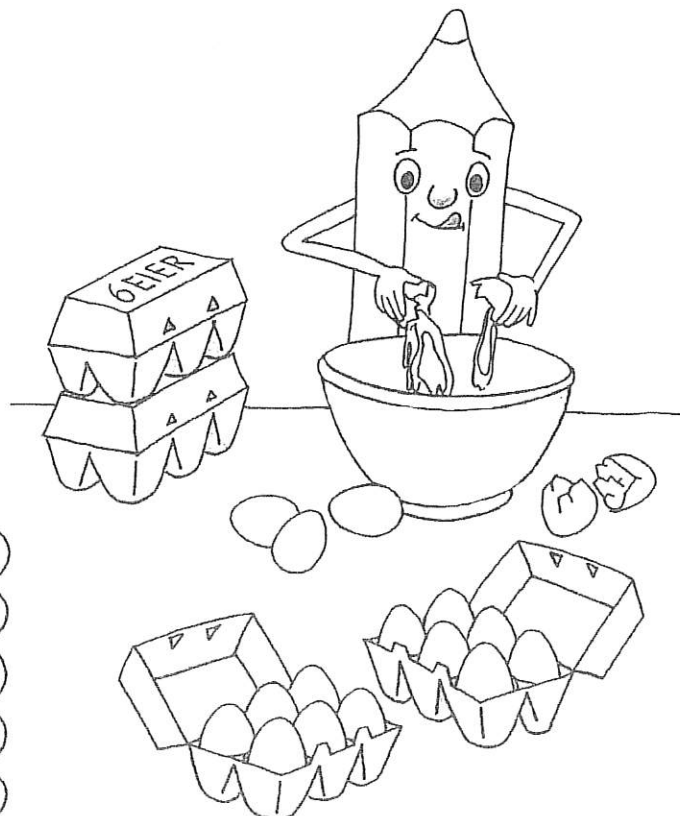
20 $(2 \cdot 6) + (1 \cdot 6)$

21 $(2 \cdot 6) + (5 \cdot 6)$

22 $(5 \cdot 6) + (5 \cdot 6)$

23 $(10 \cdot 6) - (5 \cdot 6)$

24 $(5 \cdot 6) + (3 \cdot 6)$



2B
26

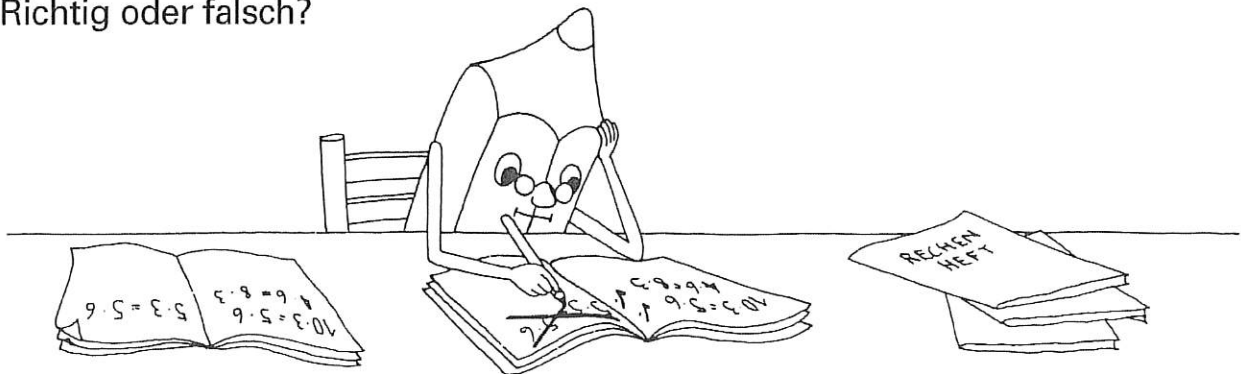
Dreierreihe und Sechserreihe

1 $12 = \square \cdot 3$
 2 $6 = \square \cdot 3$
 3 $15 = \square \cdot 3$
 4 $3 = \square \cdot 3$
 5 $54 = \square \cdot 6$
 6 $18 = \square \cdot 6$
 7 $42 = \square \cdot 6$
 8 $30 = \square \cdot 6$
 9 $\square \cdot 3 = 18$
 10 $\square \cdot 3 = 30$
 11 $\square \cdot 3 = 24$
 12 $\square \cdot 3 = 9$
 13 $\square \cdot 6 = 42$
 14 $\square \cdot 6 = 12$
 15 $\square \cdot 6 = 36$
 16 $\square \cdot 3 = 60$
 17 $24 = \square \cdot 6$
 18 $\square \cdot 3 = 27$
 19 $21 = \square \cdot 3$
 20 $30 = \square \cdot 3$
 21 $\square \cdot 6 = 48$
 22 $9 = \square \cdot 3$
 23 $6 = \square \cdot 6$
 24 $\square \cdot 3 = 15$

28
27

Dreierreihe und Sechserreihe

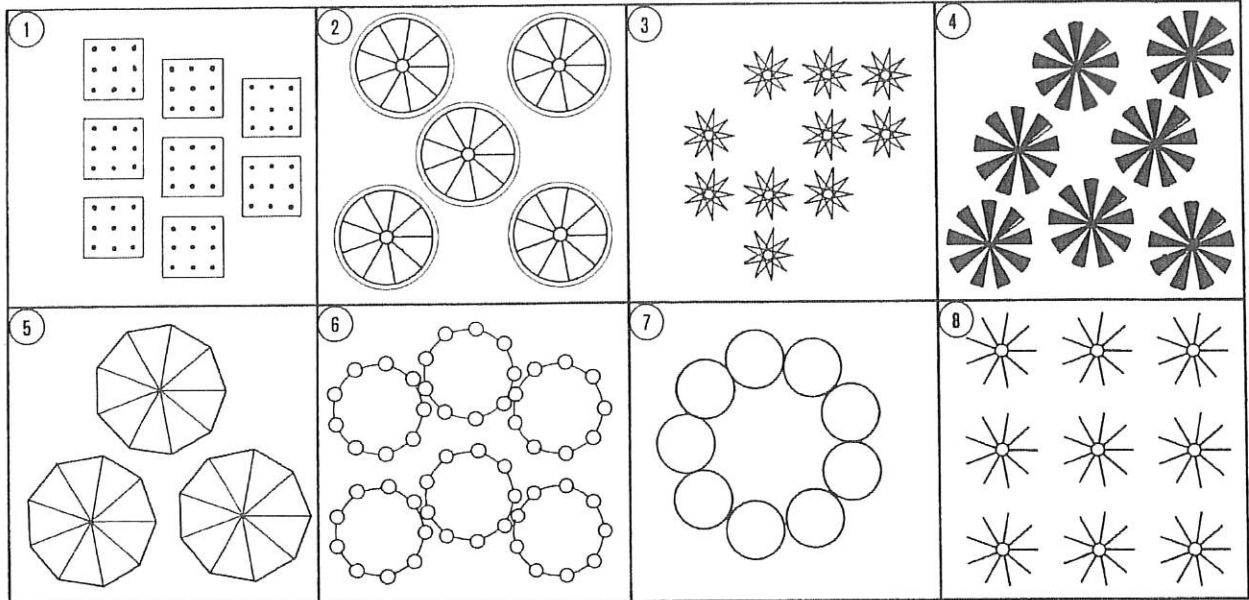
Richtig oder falsch?



① $10 \cdot 3 = 5 \cdot 6$	⑨ $(10 \cdot 6) - 20 = 10 \cdot 3$	⑰ $(9 \cdot 3) - 10 = (9 \cdot 6) - 40$
② $4 \cdot 6 = 8 \cdot 3$	⑩ $(4 \cdot 3) + 6 = 3 \cdot 6$	⑱ $(6 \cdot 3) - 3 = (4 \cdot 3) + 20$
③ $5 \cdot 3 = 5 \cdot 6$	⑪ $(2 \cdot 3) + 50 = 9 \cdot 6$	⑲ $(7 \cdot 6) - 30 = (6 \cdot 3) - 6$
④ $1 \cdot 6 = 2 \cdot 3$	⑫ $(7 \cdot 6) - 20 = 6 \cdot 3$	⑳ $(5 \cdot 6) - 5 = (4 \cdot 6) + 1$
⑤ $9 \cdot 6 = 10 \cdot 3$	⑬ $(9 \cdot 6) - 30 = 8 \cdot 3$	㉑ $(0 \cdot 3) + 9 = (3 \cdot 6) - 8$
⑥ $6 \cdot 3 = 3 \cdot 6$	⑭ $(6 \cdot 3) + 7 = 4 \cdot 6$	㉒ $(8 \cdot 6) + 3 = (7 \cdot 3) + 30$
⑦ $4 \cdot 3 = 2 \cdot 6$	⑮ $(5 \cdot 6) - 9 = 7 \cdot 3$	㉓ $(8 \cdot 3) + 40 = (10 \cdot 6) + 4$
⑧ $7 \cdot 6 = 5 \cdot 3$	⑯ $(10 \cdot 3) + 40 = 10 \cdot 6$	㉔ $(0 \cdot 6) + 20 = (10 \cdot 3) - 20$

28
28

Die Neunerreihe



9 $9 + 9 + 9 + 9$

10 $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9$

11 $9 + 9 + 9 + 9 + 9$

12 $9 + 9$

13 $9 + 9 + 9 + 9 + 9 + 9$

14 $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9$

15 $9 + 9 + 9 + 9 + 9 + 9 + 9$

16 $9 + 9$

17 $3 \cdot 9$

21 $9 \cdot 9$

18 $5 \cdot 9$

22 $4 \cdot 9$

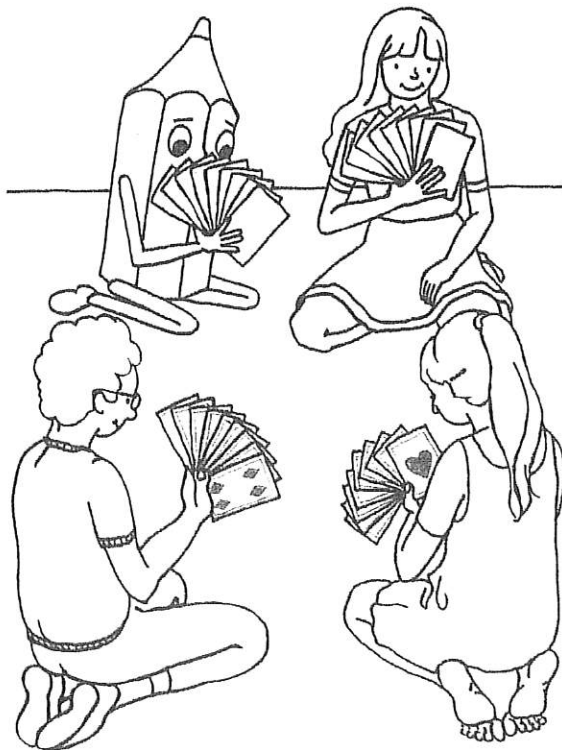
19 $1 \cdot 9$

23 $8 \cdot 9$

20 $7 \cdot 9$

24 $2 \cdot 9$

Die Neunerreihe



1 $5 \cdot 9$

2 $1 \cdot 9$

3 $3 \cdot 9$

4 $8 \cdot 9$

5 $10 \cdot 9$

6 $7 \cdot 9$

13 $(4 \cdot 9) - 9$

14 $(7 \cdot 9) + 9$

15 $(9 \cdot 9) + 9$

16 $(7 \cdot 9) - 9$

17 $(6 \cdot 9) - 9$

18 $(8 \cdot 9) - 9$

7 $9 \cdot 9$

8 $4 \cdot 9$

9 $10 \cdot 9$

10 $6 \cdot 9$

11 $2 \cdot 9$

12 $7 \cdot 9$

19 $(2 \cdot 9) + 5 + 4$

20 $(10 \cdot 9) - 7 - 2$

21 $(3 \cdot 9) - 20 + 2$

22 $(9 \cdot 9) - 6 - 30$

23 $(4 \cdot 9) + 2 - 20$

24 $(5 \cdot 9) - 10 + 1$

Dreierreihe, Sechserreihe und Neunerreihe

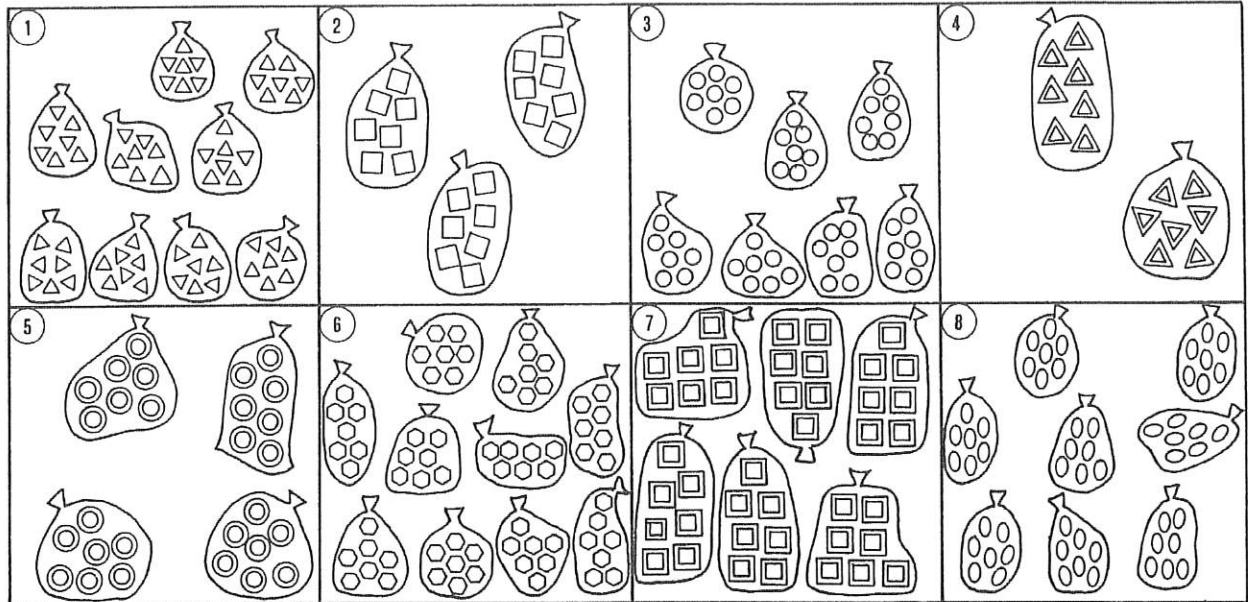
1 $54 = \square \cdot 9$
 2 $90 = \square \cdot 9$
 3 $72 = \square \cdot 9$
 4 $27 = \square \cdot 9$
 5 $\square \cdot 9 = 9$
 6 $\square \cdot 9 = 36$
 7 $\square \cdot 9 = 18$
 8 $\square \cdot 9 = 63$
 9 $6 = \square \cdot 6$
 10 $15 = \square \cdot 3$
 11 $27 = \square \cdot 3$
 12 $36 = \square \cdot 9$
 13 $\square \cdot 9 = 72$
 14 $\square \cdot 6 = 18$
 15 $\square \cdot 3 = 3$
 16 $\square \cdot 9 = 45$
 17 $36 = \square \cdot 6$
 18 $\square \cdot 3 = 12$
 19 $\square \cdot 6 = 48$
 20 $18 = \square \cdot 9$
 21 $90 = \square \cdot 9$
 22 $\square \cdot 3 = 18$
 23 $\square \cdot 9 = 81$
 24 $42 = \square \cdot 6$

Dreierreihe, Sechserreihe und Neunerreihe

	1	2	3	4	5	6	7	8	9	10
3		3	18	7		1		19	5	15
6	16	14	9	12	2	8	42		17	
9	6	13	10	20		4	11			

45

Die Siebnerreihe



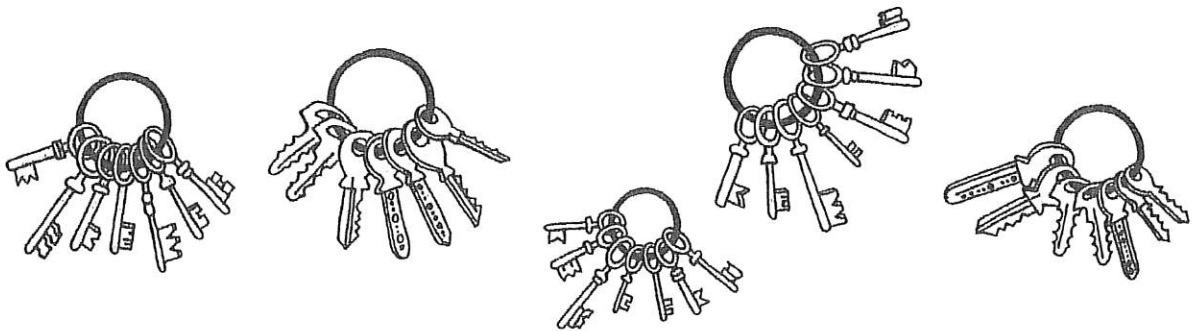
- 9 $7+7+7+7+7+7+7+7+7$
 10 $7+7+7+7$
 11 7
 12 $7+7+7+7+7$

- 13 $7+7+7+7+7+7+7+7+7$
 14 $7+7+7+7+7+7$
 15 $7+7+7$
 16 $7+7+7+7+7+7+7$

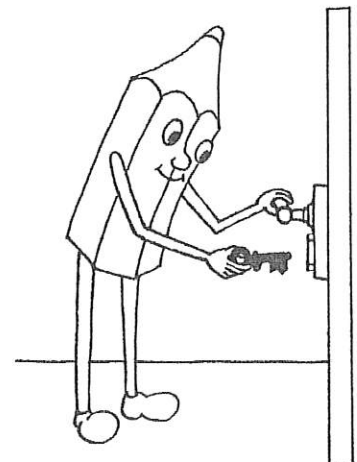
- 17 $2 \cdot 7$ 21 $4 \cdot 7$
 18 $10 \cdot 7$ 22 $1 \cdot 7$
 19 $5 \cdot 7$ 23 $6 \cdot 7$
 20 $8 \cdot 7$ 24 $3 \cdot 7$

2B
33

Die Siebnerreihe



- 1 $8 \cdot 7$ 9 $(5 \cdot 7) - 7$ 17 $(2 \cdot 7) + 5 + 2$
 2 $5 \cdot 7$ 10 $(7 \cdot 7) + 7$ 18 $(4 \cdot 7) + 4 + 3$
 3 $10 \cdot 7$ 11 $(4 \cdot 7) + 7$ 19 $(6 \cdot 7) - 5 - 30$
 4 $7 \cdot 7$ 12 $(3 \cdot 7) - 7$ 20 $(10 \cdot 7) - 30 + 9$
 5 $3 \cdot 7$ 13 $(7 \cdot 7) - 7$ 21 $(4 \cdot 7) + 5 + 30$
 6 $6 \cdot 7$ 14 $(9 \cdot 7) + 7$ 22 $(8 \cdot 7) - 20 - 8$
 7 $1 \cdot 7$ 15 $(8 \cdot 7) - 7$ 23 $(0 \cdot 7) + 6 + 50$
 8 $9 \cdot 7$ 16 $(1 \cdot 7) + 7$ 24 $(5 \cdot 7) - 30 + 9$



2B
34

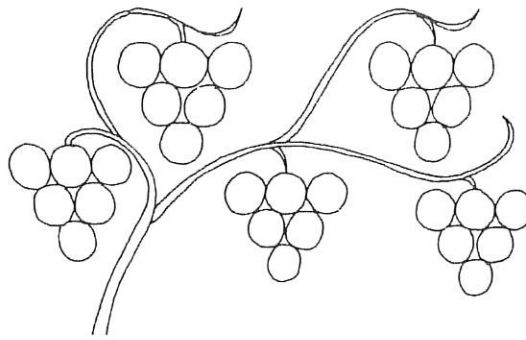
Die Siebnerreihe

1 $28 = \square \cdot 7$
 2 $14 = \square \cdot 7$
 3 $35 = \square \cdot 7$
 4 $7 = \square \cdot 7$
 5 $63 = \square \cdot 7$
 6 $21 = \square \cdot 7$
 7 $49 = \square \cdot 7$
 8 $35 = \square \cdot 7$
 9 $\square \cdot 7 = 42$
 10 $\square \cdot 7 = 70$
 11 $\square \cdot 7 = 56$
 12 $\square \cdot 7 = 21$
 13 $\square \cdot 7 = 49$
 14 $\square \cdot 7 = 14$
 15 $\square \cdot 7 = 42$
 16 $\square \cdot 7 = 70$
 17 $\square \cdot 7 = 28$
 18 $63 = \square \cdot 7$
 19 $\square \cdot 7 = 49$
 20 $70 = \square \cdot 7$
 21 $56 = \square \cdot 7$
 22 $\square \cdot 7 = 21$
 23 $\square \cdot 7 = 7$
 24 $35 = \square \cdot 7$

Folge den Fäden, sie zeigen, was du rechnen musst!

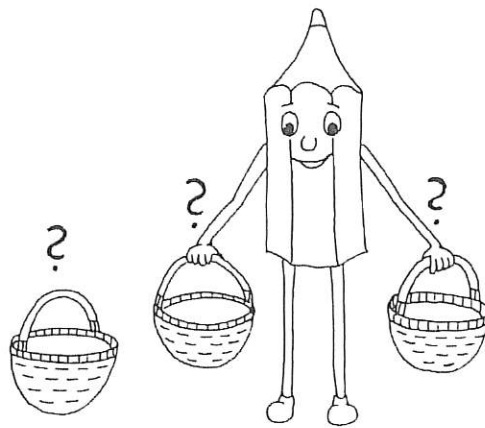
13 7
 14 3
 15 0
 16 5
 17 8
 18 5
 19 6
 20 0
 21 9
 22 6
 23 8
 24 5
 0
 9
 10
 8
 6
 4
 5
 8
 7
 2
 3
 3
 4
 6
 8
 7
 7
 8
 7
 9
 9
 6
 1
 6
 7

- ① $5 \cdot 6 = 3 \cdot \square$
- ② $4 \cdot 4 = 2 \cdot \square$
- ③ $3 \cdot 2 = 6 \cdot \square$
- ④ $3 \cdot 4 = 6 \cdot \square$
- ⑤ $2 \cdot 10 = 4 \cdot \square$
- ⑥ $4 \cdot 6 = 8 \cdot \square$



- ⑬ $5 \cdot \square = 10 \cdot 2$
- ⑭ $4 \cdot \square = 8 \cdot 5$
- ⑮ $6 \cdot \square = 3 \cdot 10$
- ⑯ $4 \cdot \square = 8 \cdot 3$
- ⑰ $5 \cdot \square = 10 \cdot 4$
- ⑱ $2 \cdot \square = 5 \cdot 4$

- ⑦ $2 \cdot 9 = \square \cdot 3$
- ⑧ $6 \cdot 6 = \square \cdot 9$
- ⑨ $6 \cdot 4 = \square \cdot 3$
- ⑩ $3 \cdot 4 = \square \cdot 2$
- ⑪ $6 \cdot 5 = \square \cdot 10$
- ⑫ $1 \cdot 8 = \square \cdot 4$



- ⑲ $\square \cdot 6 = 2 \cdot 9$
- ⑳ $\square \cdot 9 = 3 \cdot 3$
- ㉑ $\square \cdot 8 = 4 \cdot 10$
- ㉒ $\square \cdot 6 = 4 \cdot 3$
- ㉓ $\square \cdot 4 = 8 \cdot 2$
- ㉔ $\square \cdot 6 = 4 \cdot 9$

2B
37

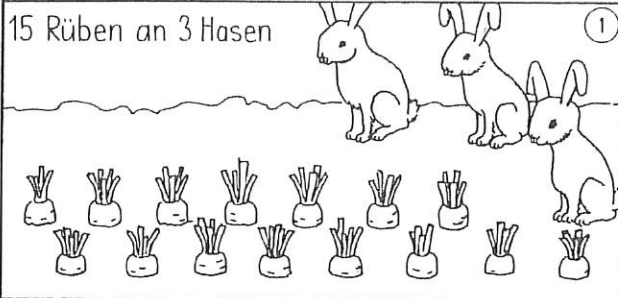
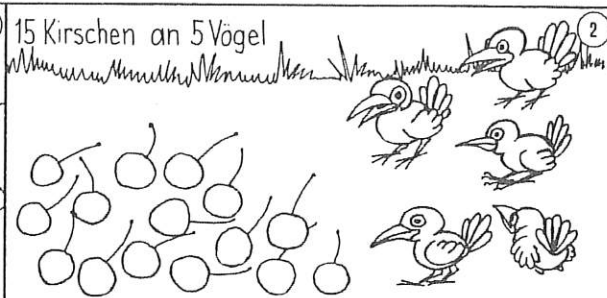

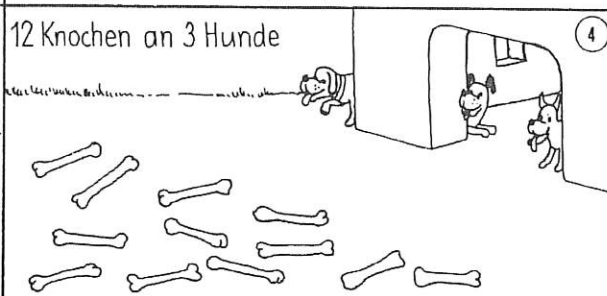
In welche Felder gehören die Zahlen?

<div style="display: flex; justify-content: space-between; align-items: center;"> 3er 4er </div> <div style="text-align: center; margin: 10px 0;"> </div> <div style="display: flex; flex-wrap: wrap; justify-content: center; gap: 10px;"> <div style="text-align: center;">① 18</div> <div style="text-align: center;">④ 20</div> <div style="text-align: center;">② 16</div> <div style="text-align: center;">⑤ 28</div> <div style="text-align: center;">③ 24</div> <div style="text-align: center;">⑥ 15</div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> 3er 5er </div> <div style="text-align: center; margin: 10px 0;"> </div> <div style="display: flex; flex-wrap: wrap; justify-content: center; gap: 10px;"> <div style="text-align: center;">⑦ 15</div> <div style="text-align: center;">⑩ 18</div> <div style="text-align: center;">⑧ 24</div> <div style="text-align: center;">⑪ 27</div> <div style="text-align: center;">⑨ 30</div> <div style="text-align: center;">⑫ 12</div> </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> 4er 5er </div> <div style="text-align: center; margin: 10px 0;"> </div> <div style="display: flex; flex-wrap: wrap; justify-content: center; gap: 10px;"> <div style="text-align: center;">⑬ 30</div> <div style="text-align: center;">⑯ 20</div> <div style="text-align: center;">⑭ 50</div> <div style="text-align: center;">⑰ 10</div> <div style="text-align: center;">⑮ 40</div> <div style="text-align: center;">⑱ 32</div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> 4er 6er </div> <div style="text-align: center; margin: 10px 0;"> </div> <div style="display: flex; flex-wrap: wrap; justify-content: center; gap: 10px;"> <div style="text-align: center;">⑲ 18</div> <div style="text-align: center;">㉒ 16</div> <div style="text-align: center;">⑳ 20</div> <div style="text-align: center;">㉓ 36</div> <div style="text-align: center;">㉑ 24</div> <div style="text-align: center;">㉔ 12</div> </div>


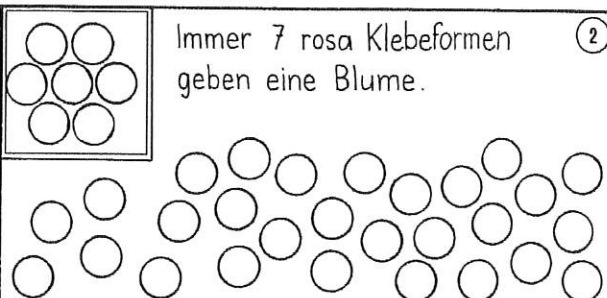


2B
38

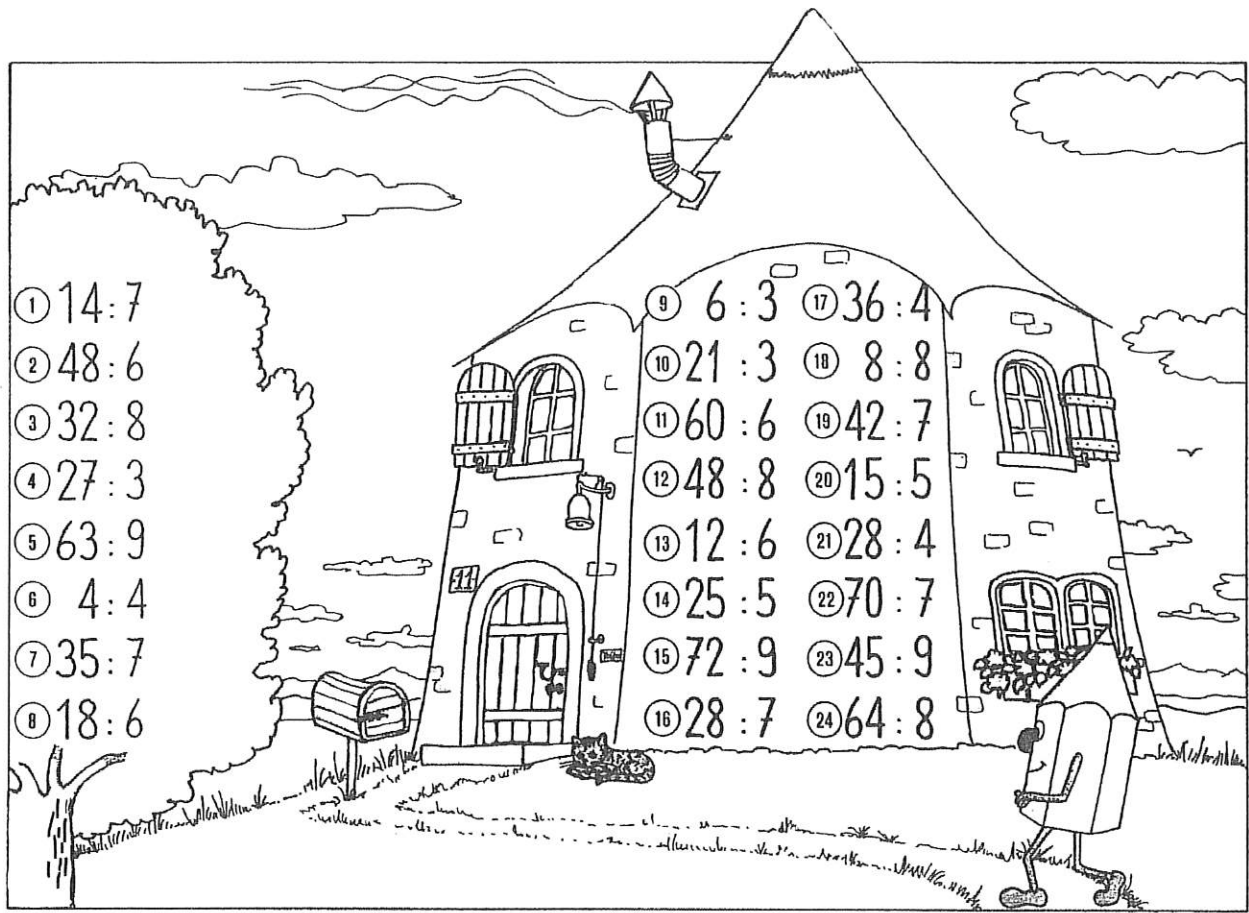
Verteile:

Wie viele erhält jeder?

<p>15 Rüben an 3 Hasen ①</p> 	<p>15 Kirschen an 5 Vögel ②</p> 																				
<p>12 Bananen an 2 Affen ③</p> 	<p>12 Knochen an 3 Hunde ④</p> 																				
<table border="0"> <tr> <td>⑤ 18 : 2</td> <td>⑨ 90 : 10</td> <td>⑬ 24 : 4</td> <td>⑰ 35 : 7</td> <td>⑳ 27 : 9</td> </tr> <tr> <td>⑥ 20 : 2</td> <td>⑩ 70 : 10</td> <td>⑭ 16 : 4</td> <td>⑱ 70 : 7</td> <td>㉑ 45 : 9</td> </tr> <tr> <td>⑦ 2 : 2</td> <td>⑪ 80 : 10</td> <td>⑮ 36 : 4</td> <td>㉒ 42 : 7</td> <td>㉓ 72 : 9</td> </tr> <tr> <td>⑧ 4 : 2</td> <td>⑫ 100 : 10</td> <td>⑯ 28 : 4</td> <td>㉔ 7 : 7</td> <td>㉕ 18 : 9</td> </tr> </table>		⑤ 18 : 2	⑨ 90 : 10	⑬ 24 : 4	⑰ 35 : 7	⑳ 27 : 9	⑥ 20 : 2	⑩ 70 : 10	⑭ 16 : 4	⑱ 70 : 7	㉑ 45 : 9	⑦ 2 : 2	⑪ 80 : 10	⑮ 36 : 4	㉒ 42 : 7	㉓ 72 : 9	⑧ 4 : 2	⑫ 100 : 10	⑯ 28 : 4	㉔ 7 : 7	㉕ 18 : 9
⑤ 18 : 2	⑨ 90 : 10	⑬ 24 : 4	⑰ 35 : 7	⑳ 27 : 9																	
⑥ 20 : 2	⑩ 70 : 10	⑭ 16 : 4	⑱ 70 : 7	㉑ 45 : 9																	
⑦ 2 : 2	⑪ 80 : 10	⑮ 36 : 4	㉒ 42 : 7	㉓ 72 : 9																	
⑧ 4 : 2	⑫ 100 : 10	⑯ 28 : 4	㉔ 7 : 7	㉕ 18 : 9																	

Wie viele Blumen kannst du kleben?

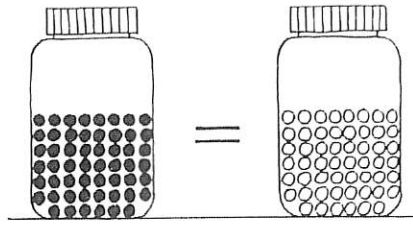
<p>Immer 3 violette Klebformen geben eine Blume. ①</p> 	<p>Immer 7 rosa Klebformen geben eine Blume. ②</p> 																				
<p>Immer 4 rote Klebformen geben eine Blume. ③</p> 	<p>Immer 5 blaue Klebformen geben eine Blume. ④</p> 																				
<table border="0"> <tr> <td>⑤ 40 : 5</td> <td>⑨ 24 : 3</td> <td>⑬ 36 : 6</td> <td>⑰ 56 : 8</td> <td>㉑ 28 : 7</td> </tr> <tr> <td>⑥ 15 : 5</td> <td>⑩ 30 : 3</td> <td>⑭ 30 : 6</td> <td>⑱ 24 : 8</td> <td>㉒ 49 : 7</td> </tr> <tr> <td>⑦ 5 : 5</td> <td>⑪ 27 : 3</td> <td>⑮ 48 : 6</td> <td>㉓ 48 : 8</td> <td>㉔ 63 : 7</td> </tr> <tr> <td>⑧ 10 : 5</td> <td>⑫ 9 : 3</td> <td>⑯ 60 : 6</td> <td>㉕ 8 : 8</td> <td>㉕ 14 : 7</td> </tr> </table>		⑤ 40 : 5	⑨ 24 : 3	⑬ 36 : 6	⑰ 56 : 8	㉑ 28 : 7	⑥ 15 : 5	⑩ 30 : 3	⑭ 30 : 6	⑱ 24 : 8	㉒ 49 : 7	⑦ 5 : 5	⑪ 27 : 3	⑮ 48 : 6	㉓ 48 : 8	㉔ 63 : 7	⑧ 10 : 5	⑫ 9 : 3	⑯ 60 : 6	㉕ 8 : 8	㉕ 14 : 7
⑤ 40 : 5	⑨ 24 : 3	⑬ 36 : 6	⑰ 56 : 8	㉑ 28 : 7																	
⑥ 15 : 5	⑩ 30 : 3	⑭ 30 : 6	⑱ 24 : 8	㉒ 49 : 7																	
⑦ 5 : 5	⑪ 27 : 3	⑮ 48 : 6	㉓ 48 : 8	㉔ 63 : 7																	
⑧ 10 : 5	⑫ 9 : 3	⑯ 60 : 6	㉕ 8 : 8	㉕ 14 : 7																	



① $\square \rightarrow \bigcirc \rightarrow 4$	⑨ $\square \rightarrow \bigcirc : 7 \rightarrow 4$	⑰ $50 \rightarrow \bigcirc \rightarrow 10$
② $63 \rightarrow \bigcirc \rightarrow 9$	⑩ $\square \rightarrow \bigcirc : 8 \rightarrow 5$	⑱ $\square \rightarrow \bigcirc : 7 \rightarrow 5$
③ $16 \rightarrow \bigcirc \rightarrow 4$	⑪ $\square \rightarrow \bigcirc : 4 \rightarrow 8$	⑲ $\square \rightarrow \bigcirc : 4 \rightarrow 6$
④ $40 \rightarrow \bigcirc \rightarrow 5$	⑫ $42 \rightarrow \bigcirc \rightarrow 7$	⑳ $\square \rightarrow \bigcirc : 5 \rightarrow 8$
⑤ $\square \rightarrow \bigcirc : 5 \rightarrow 7$	⑬ $\square \rightarrow \bigcirc : 3 \rightarrow 8$	㉑ $\square \rightarrow \bigcirc : 8 \rightarrow 4$
⑥ $30 \rightarrow \bigcirc \rightarrow 5$	⑭ $28 \rightarrow \bigcirc \rightarrow 4$	㉒ $18 \rightarrow \bigcirc \rightarrow 3$
⑦ $\square \rightarrow \bigcirc : 8 \rightarrow 3$	⑮ $\square \rightarrow \bigcirc : 4 \rightarrow 7$	㉓ $48 \rightarrow \bigcirc \rightarrow 6$
⑧ $24 \rightarrow \bigcirc \rightarrow 6$	⑯ $\square \rightarrow \bigcirc : 10 \rightarrow 4$	㉔ $32 \rightarrow \bigcirc \rightarrow 8$

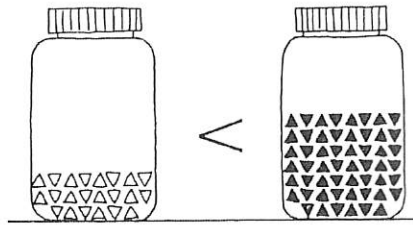
> oder < oder = ?

- ① $54 : 9$ \odot 5
- ② $72 : 8$ \odot 8
- ③ $56 : 7$ \odot 9
- ④ $48 : 6$ \odot 6



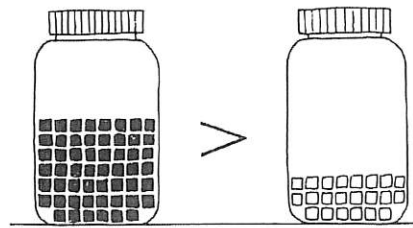
- ⑬ $16 : 2$ \odot $50 : 5$
- ⑭ $35 : 7$ \odot $48 : 8$
- ⑮ $24 : 3$ \odot $81 : 9$
- ⑯ $36 : 4$ \odot $15 : 3$

- ⑤ $3 + 4$ \odot $32 : 4$
- ⑥ $2 + 3$ \odot $25 : 5$
- ⑦ $3 + 5$ \odot $81 : 9$
- ⑧ $5 + 2$ \odot $49 : 7$



- ⑰ $45 : 5$ \odot $30 : 3$
- ⑱ $54 : 6$ \odot $64 : 8$
- ⑲ $10 : 2$ \odot $49 : 7$
- ⑳ $72 : 9$ \odot $24 : 3$

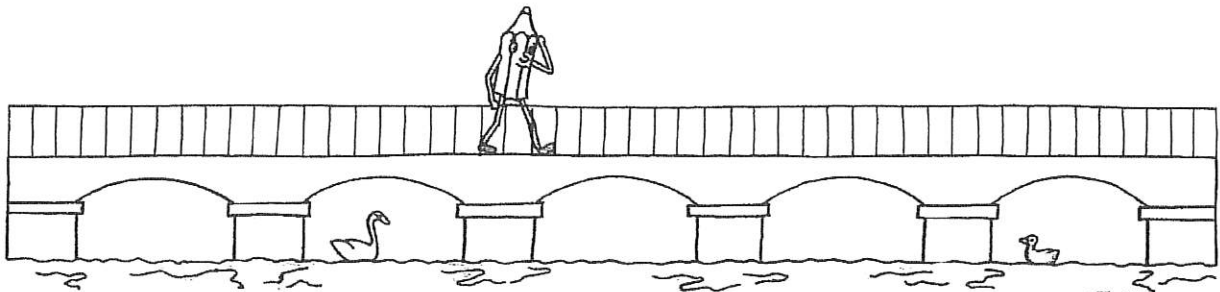
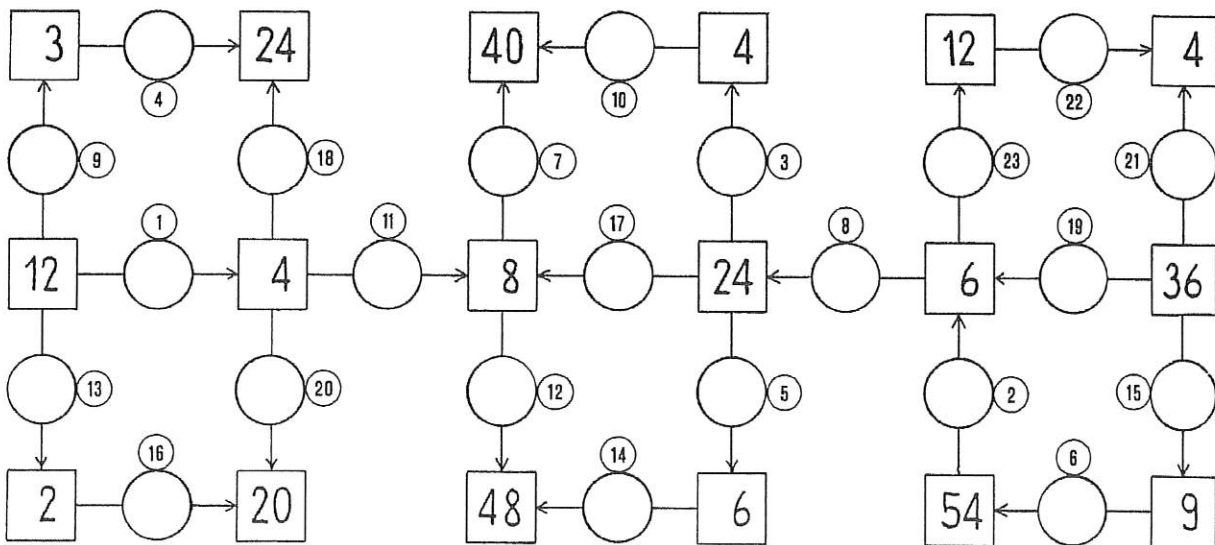
- ⑨ $28 : 7$ \odot $11 - 8$
- ⑩ $63 : 9$ \odot $14 - 9$
- ⑪ $48 : 8$ \odot $13 - 7$
- ⑫ $32 : 4$ \odot $17 - 9$



- ㉑ $100 : 10$ \odot $20 : 2$
- ㉒ $27 : 3$ \odot $36 : 9$
- ㉓ $35 : 5$ \odot $21 : 3$
- ㉔ $6 : 2$ \odot $16 : 4$

2B
45

Achte auf die Pfeilrichtung!



2B
46

1	32	→ +	72	13	55	→ +	64
2	9	→ ·		14	4	→ +	
3	12	→ +		15	94	→ -	
4	42	→ +		16	69	→ -	
5	66	→ +		17	58	→ +	
6	81	→ -		18	8	→ ·	
7	60	→ -	56	19	39	→ -	35
8	6	→ +		20	5	→ +	
9	8	→ ·		21	85	→ -	
10	16	→ +		22	5	→ ·	
11	7	→ ·		23	75	→ -	
12	61	→ -		24	7	→ ·	

2B
47

Diese Lösungen hast du zur Auswahl:

- (·9) (·7) (·4) (:9) (:7) (+9) (+7) (-90) (-70) (-40)

1	54 ○ = 61	7	72 ○ = 8	13	27 ○ = 3	19	81 ○ = 9
2	93 ○ = 23	8	56 ○ = 65	14	72 ○ = 2	20	6 ○ = 54
3	35 ○ = 44	9	28 ○ = 4	15	28 ○ = 4	21	1 ○ = 4
4	86 ○ = 46	10	5 ○ = 45	16	2 ○ = 18	22	90 ○ = 0
5	9 ○ = 63	11	10 ○ = 40	17	78 ○ = 85	23	67 ○ = 27
6	92 ○ = 2	12	100 ○ = 10	18	5 ○ = 35	24	43 ○ = 52

2B
48

Einmaleinsland

Start

5·3

7·4

15:3

2·9

8·1

5·10

7·2

5·4

10:5

25:5

7·5

8·5

1·3

Nenne zwei passende Aufgaben zum Punktebild.

36:6

9·8

18:9

45:9

8·4

6·7

8·6

6·5

2·2

20:5

9·9

32:4

Nenne vier Quadrataufgaben und rechne sie aus.

9·7

9·3

81:9

27:3

72:9

Erfinde eine Aufgabe zum Bild, bei der du malnehmen oder teilen musst.

32:8

18:3

2·8

10:5

Ziel

Quadrataufgaben: 1 · 1 / 2 · 2 / 3 · 3 usw.

Buntes Einmaleins

1 Verbinde.

8 · 9 5 · 7 6 · 6 4 · 5 2 · 4 6 · 8 7 · 10

kleiner als 30 zwischen 30 und 50 größer als 50

2 a)

·		10
3		
6	30	
9		
7		
8		

·	3	6	
7			
4			36
9			
5			
8			

b)

: 7 →		: 8 →	
21		24	
14		48	
	5		6
42		72	
	7		10

3 Vergleiche: <, > oder =?

$6 \cdot 9 \bigcirc 48$

$3 \cdot 9 \bigcirc 3 \cdot 8$

$20 : 5 + 4 = \square$

$9 \cdot 4 - 7 = \square$

$9 \cdot 4 \cdot$

$9 \cdot 8 \bigcirc 77$

$2 \cdot 6 \bigcirc 4 \cdot 3$

$27 : 3 - 5 = \square$

$7 \cdot 3 + 6 = \square$

$7 \cdot 3 \cdot$

$32 \bigcirc 4 \cdot 8$

$6 \cdot 5 \bigcirc 4 \cdot 9$

$90 : 9 + 8 = \square$

$5 \cdot 7 \bigcirc 45$

$8 \cdot 3 \bigcirc 3 \cdot 7$

4 Rechne.

5 Bilde Nachbaraufgaben und rechne.

$8 \cdot 8 = \square$	$\square \cdot \square = \square$	$\square \cdot 8 = \square$
$5 \cdot 6 = \square$	$\square \cdot \square = \square$	$\square \cdot \square = \square$
$\square \cdot \square = \square$	$4 \cdot 3 = \square$	$\square \cdot \square = \square$

6 a) $5 \cdot \square = 15$

$10 \cdot 5 = \square$

$\square \cdot 7 = 56$

$0 \cdot 5 = \square$

$7 \cdot \square = 49$

b) $28 : 7 = \square$

$36 : 6 = \square$

$25 : 5 = \square$

$40 : 4 = \square$

$27 : 3 = \square$

c) $28 : \square = 4$

$\square : 6 = 5$

$25 : \square = 5$

$\square : 4 = 10$

$30 : 5 = \square$

Emily und die Blumen

Emily frisst für ihr Leben gerne Blumen. Bei ihrem Gang durch die Wiese hat sie genau 20 Blumen gefressen. Zeichne Emilys Weg den gestrichelten Linien entlang ein. Findest du den Weg mit 50 Blumen? Suche auch eigene Wege und benutze dazu verschiedene Farben. Achtung: Emily geht immer bis zum Ausgangstor!

