



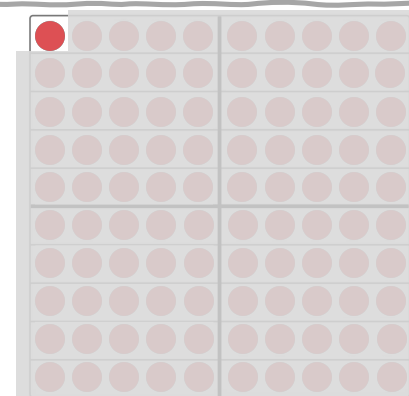
# Darstellungen – Multiplikation

Dieses Material eignet sich für die folgenden Übungen der „Mathekartei – Einstiege, Rituale, Spiele, Übungen“:

- „Darstellungsquartett“ – Übung Nr. 21
- „Partner finden“ – Übung Nr. 39

1·1

1 Einer

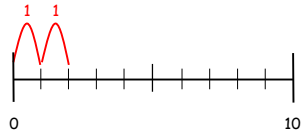
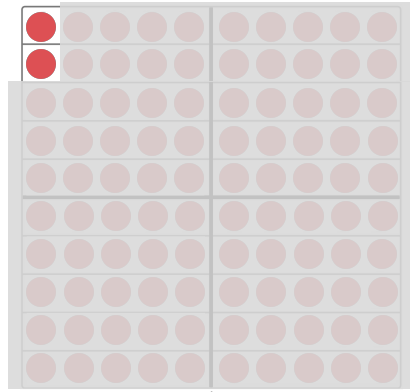


1

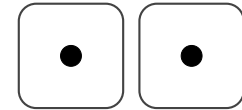
1

2·1

2 Einer



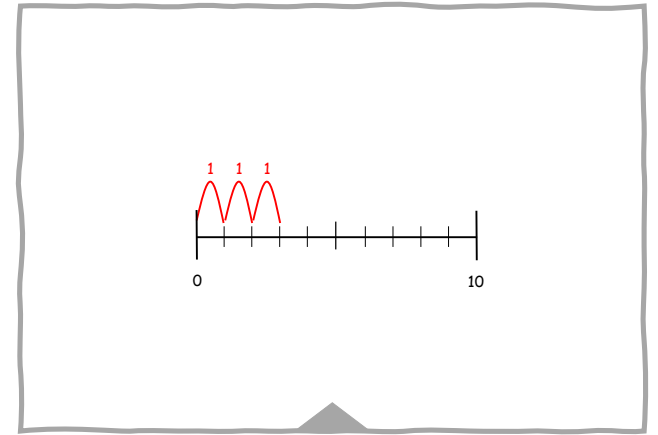
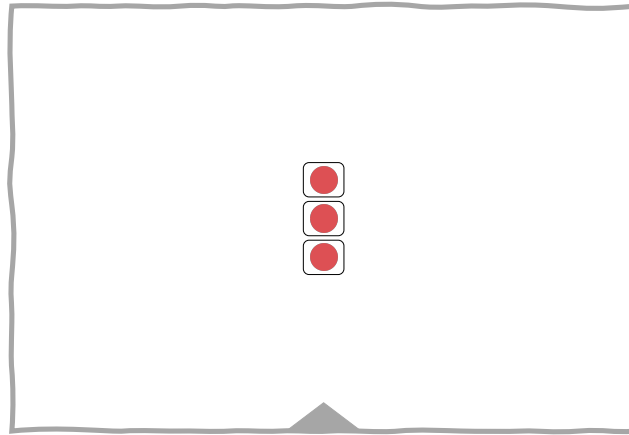
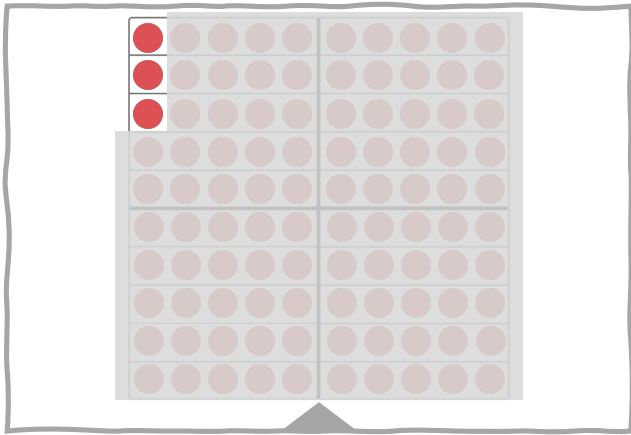
$$1+1$$



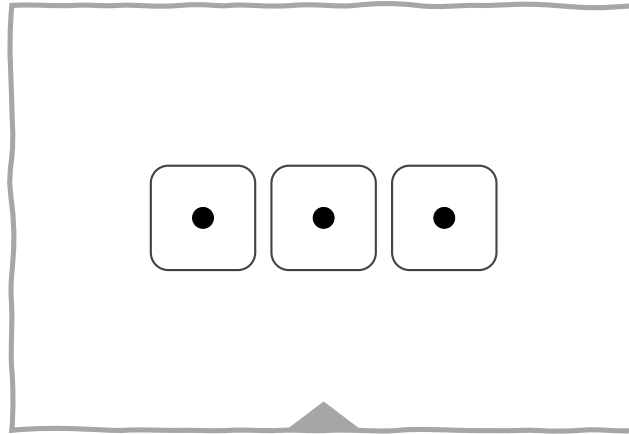
2

$$3 \cdot 1$$

3 Einer



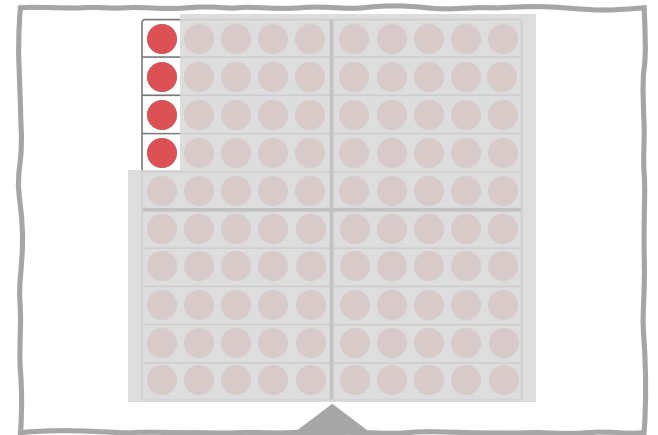
$$1+1+1$$

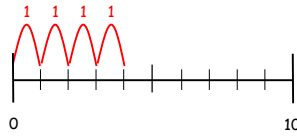
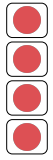


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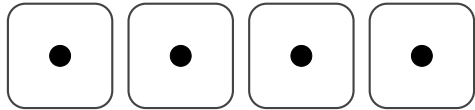
$$4 \cdot 1$$

4 Einer





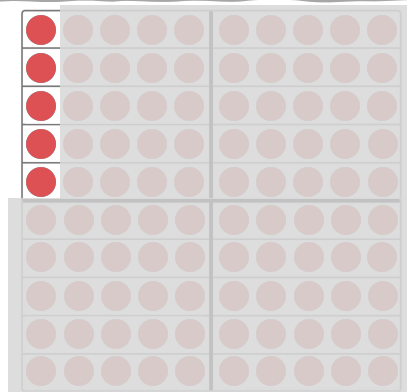
$$1+1+1+1$$

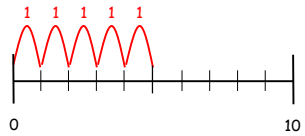


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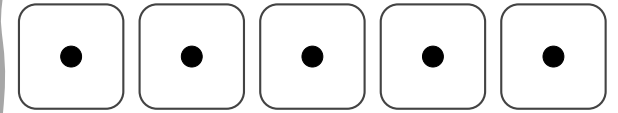
$$5 \cdot 1$$

5 Einer





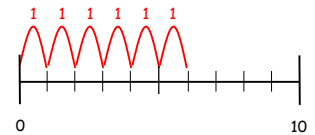
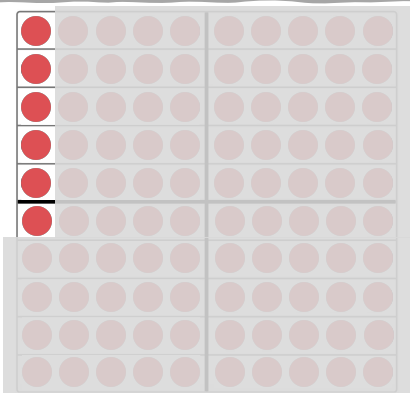
$$1+1+1+1+1$$



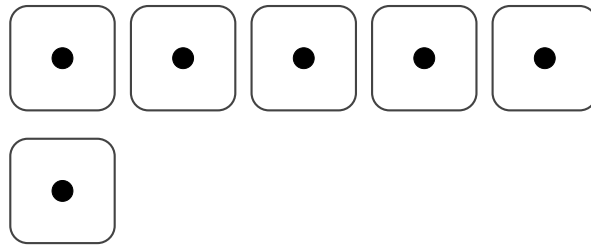
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$$6 \cdot 1$$

6 Einer



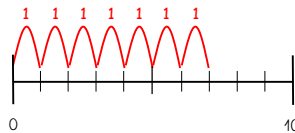
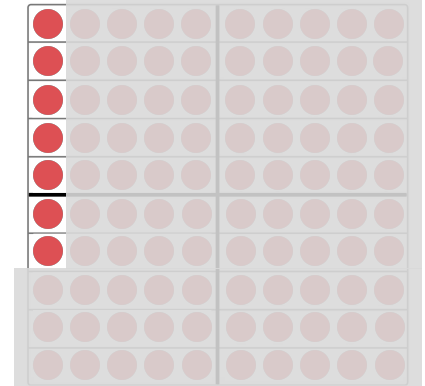
$$1+1+1+1+1 \\ +1$$



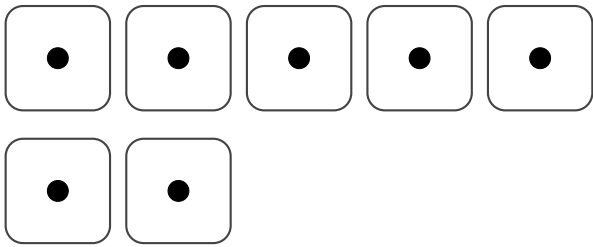
6

7 · 1

7 Einer



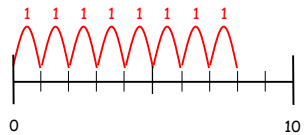
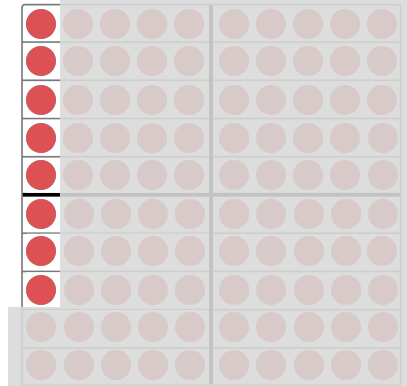
$$1+1+1+1+1 \\ +1+1$$



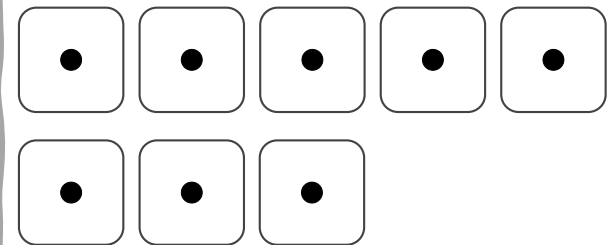
7

8 · 1

8 Einer



$$1+1+1+1+1+1+1+1$$

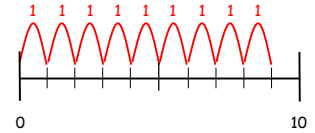
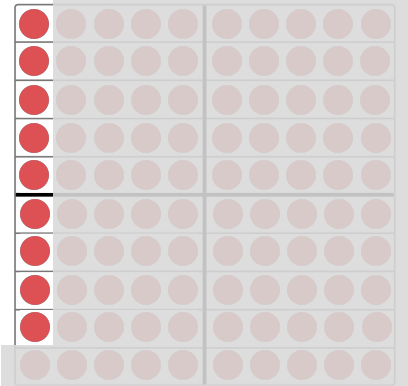




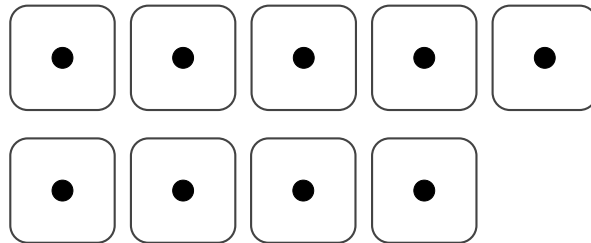
8

9 · 1

9 Einer



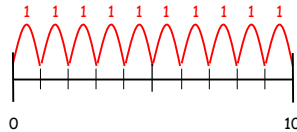
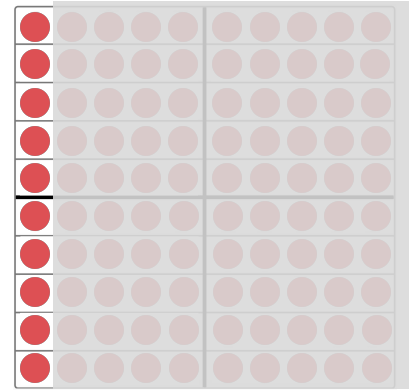
1+1+1+1+1  
+1+1+1+1



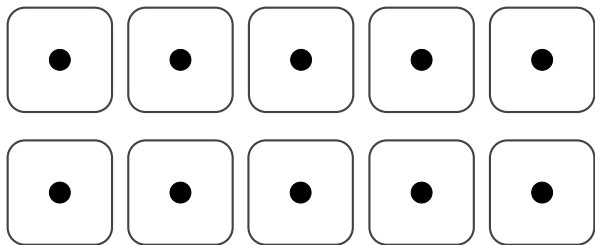
9

$$10 \cdot 1$$

10 Einer



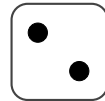
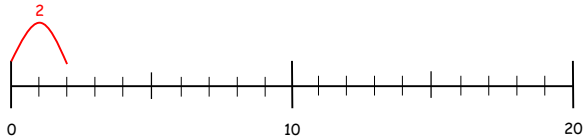
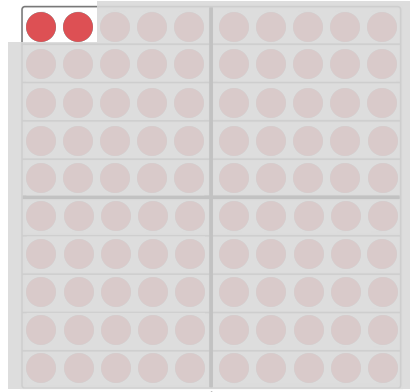
$$1+1+1+1+1$$
$$+1+1+1+1+1$$



10

$$1 \cdot 2$$

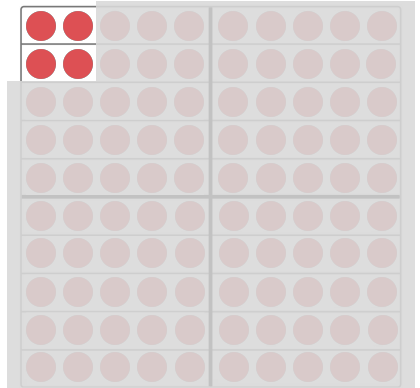
1 Zweier

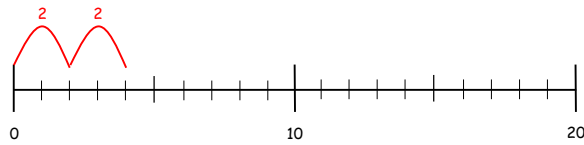


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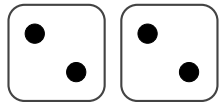
$2 \cdot 2$

2 Zweier





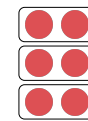
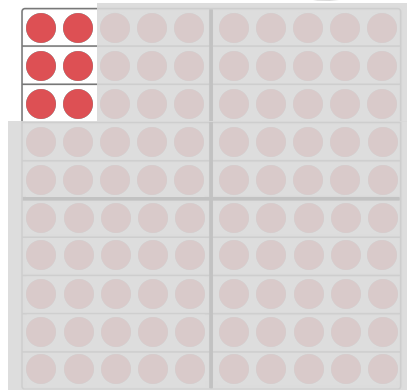
$$2+2$$

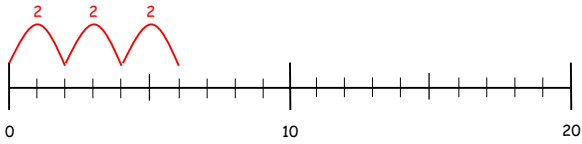


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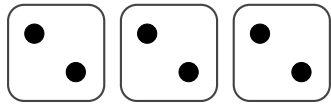
$$3 \cdot 2$$

3 Zweier





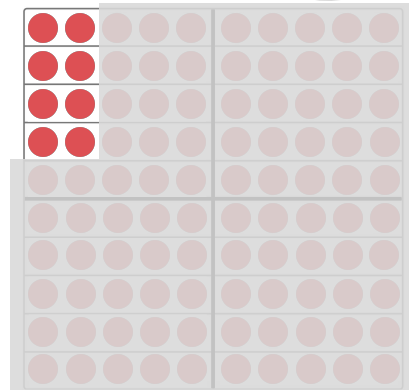
$$2+2+2$$

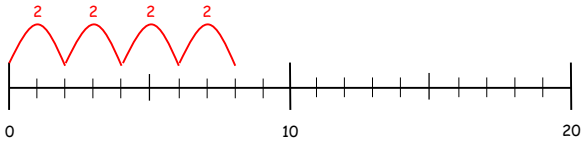


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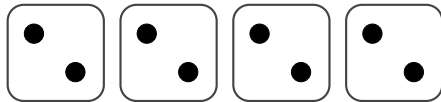
$$4 \cdot 2$$

4 Zweier





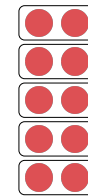
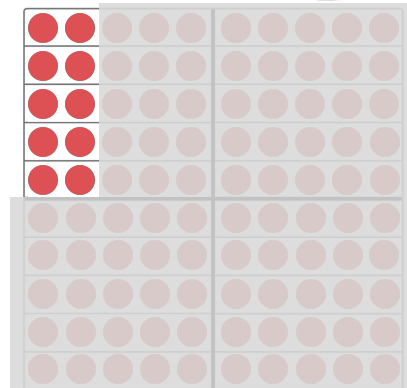
$$2+2+2+2$$

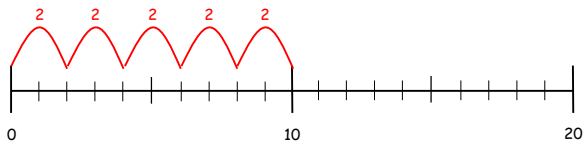


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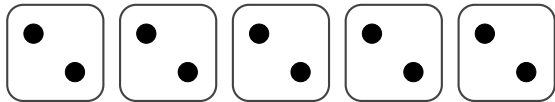
$$5 \cdot 2$$

5 Zweier





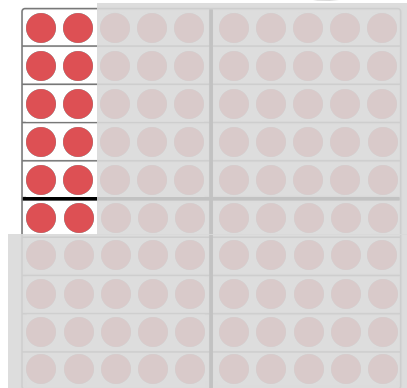
$$2+2+2+2+2$$

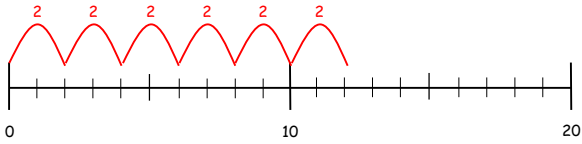


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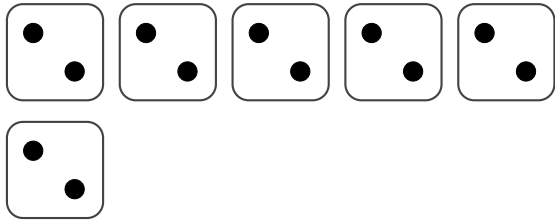
$$6 \cdot 2$$

6 Zweier





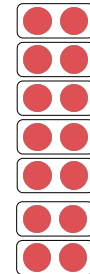
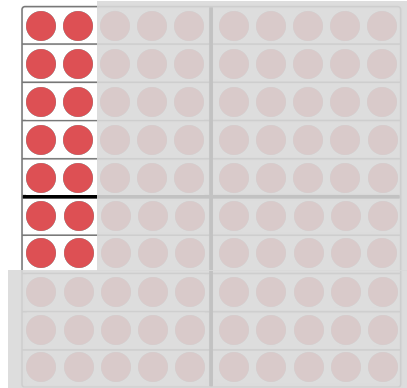
$$2+2+2+2+2+2$$



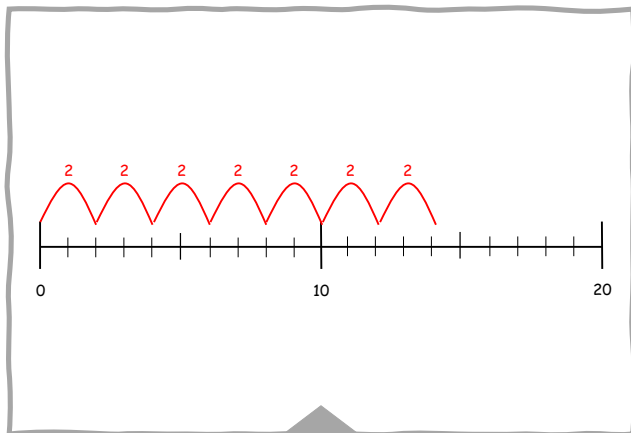
12

7 · 2

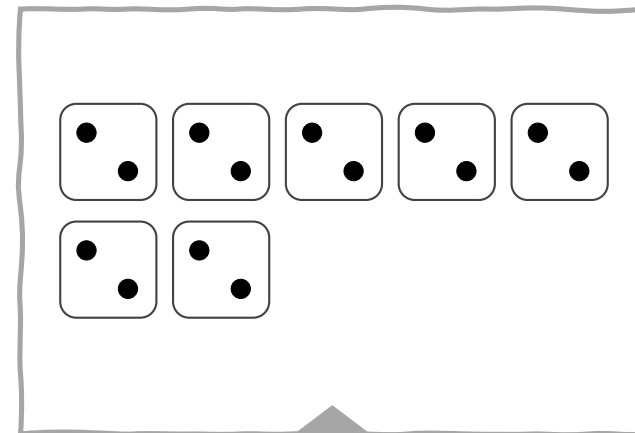
7 Zweier







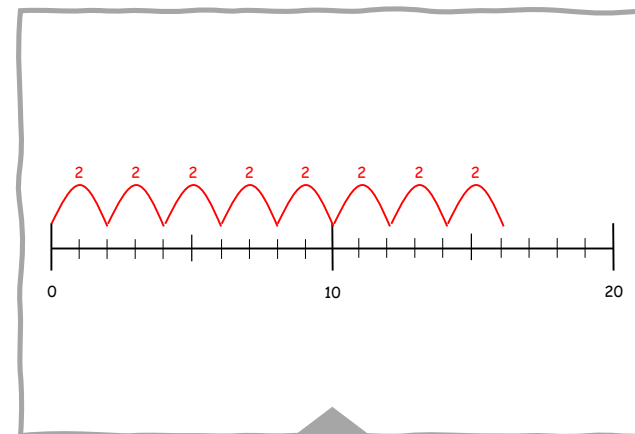
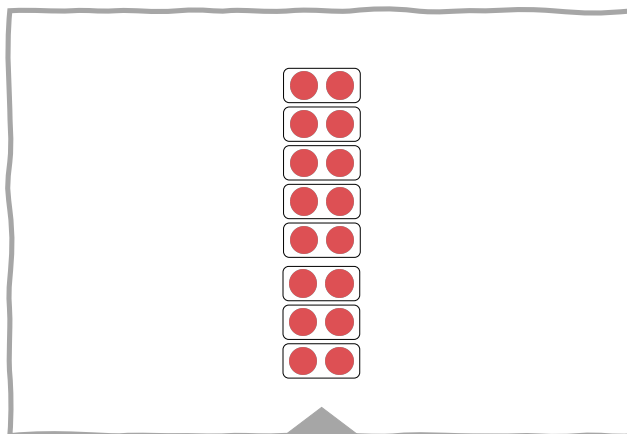
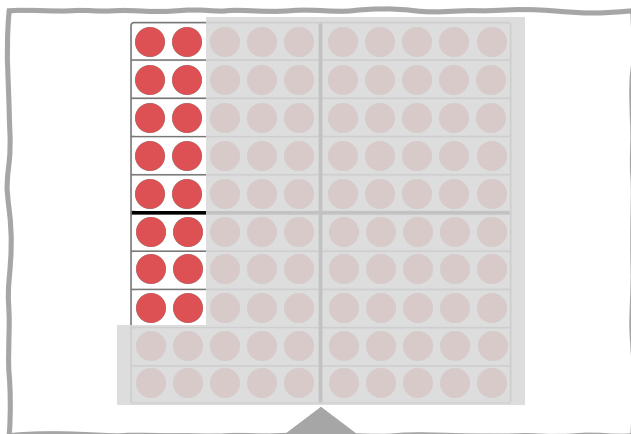
$$2+2+2+2+2+2+2$$



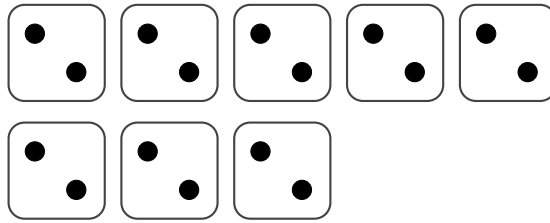
14

$$8 \cdot 2$$

8 Zweier



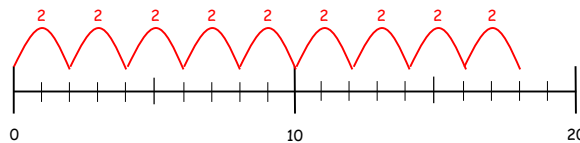
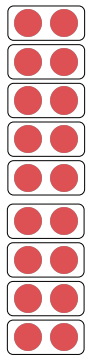
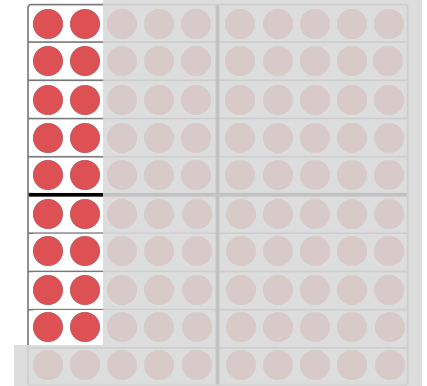
$$2+2+2+2+2$$
$$+2+2+2$$



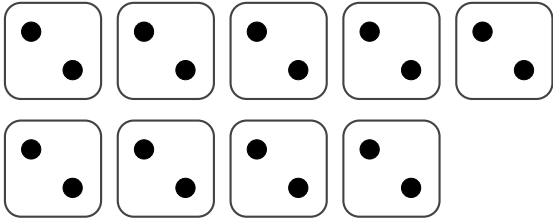
16

$$9 \cdot 2$$

9 Zweier



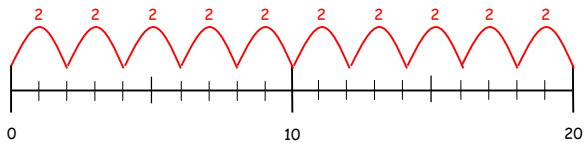
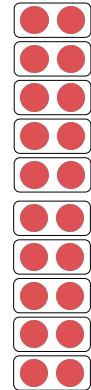
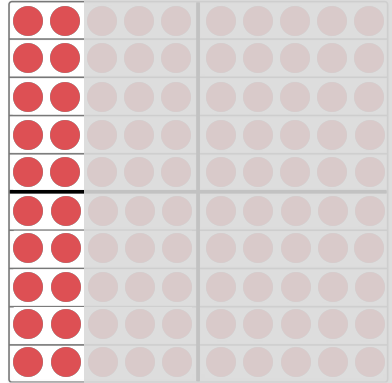
$$2+2+2+2+2$$
$$+2+2+2+2$$



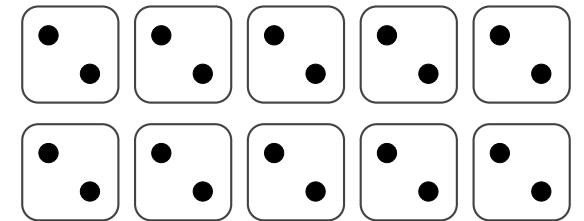
18

$10 \cdot 2$

10 Zweier



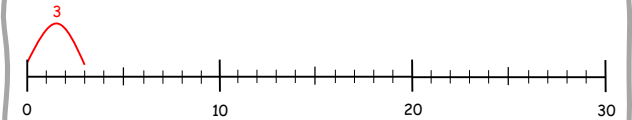
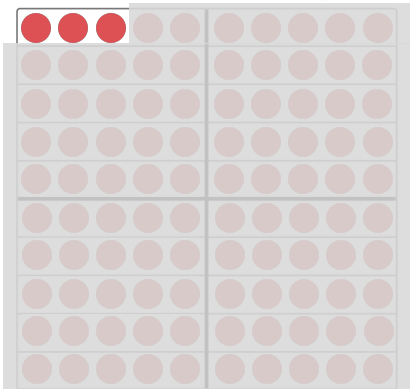
$2+2+2+2+2$   
 $+2+2+2+2+2$



20

$1 \cdot 3$

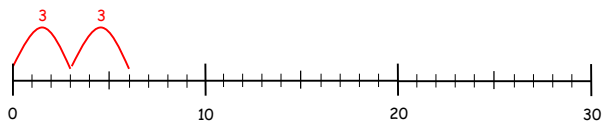
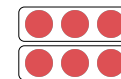
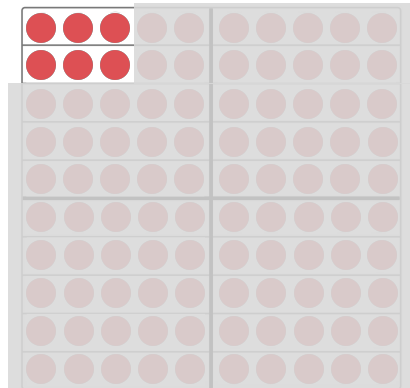
1 Dreier



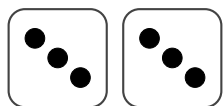
3

$2 \cdot 3$

# 2 Dreier



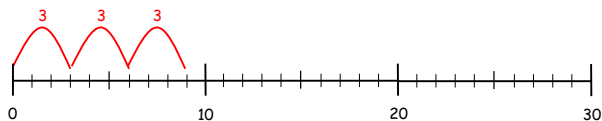
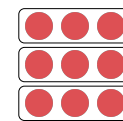
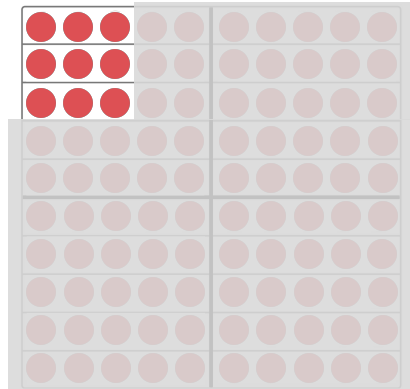
$$3+3$$



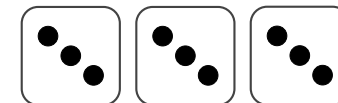
# 6

$$3 \cdot 3$$

3 Dreier



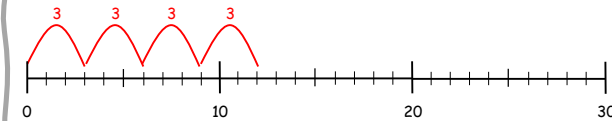
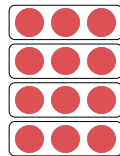
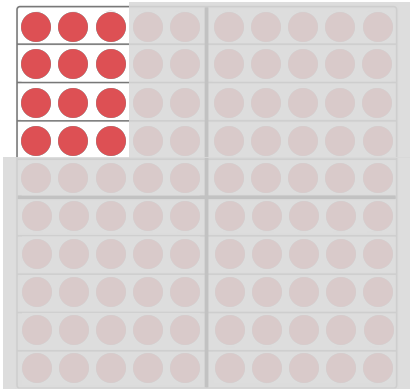
$$3+3+3$$



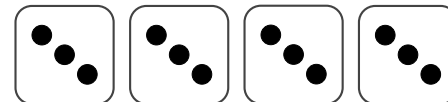
9

$$4 \cdot 3$$

4 Dreier



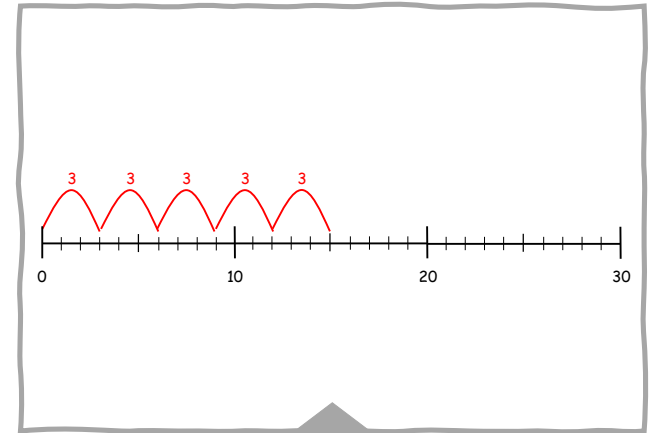
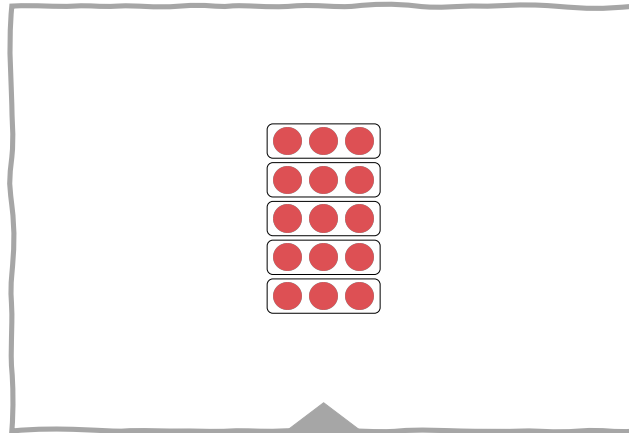
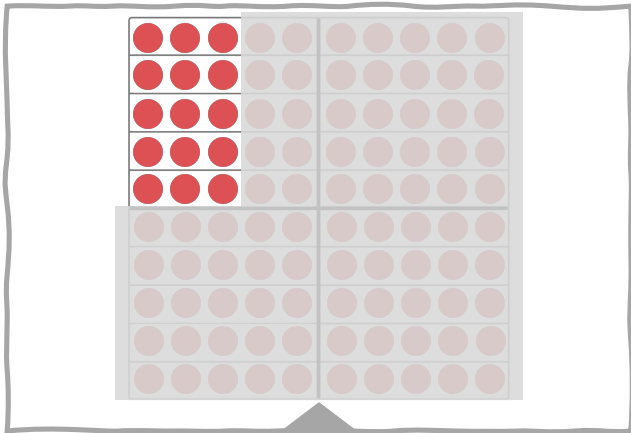
$$3+3+3+3$$



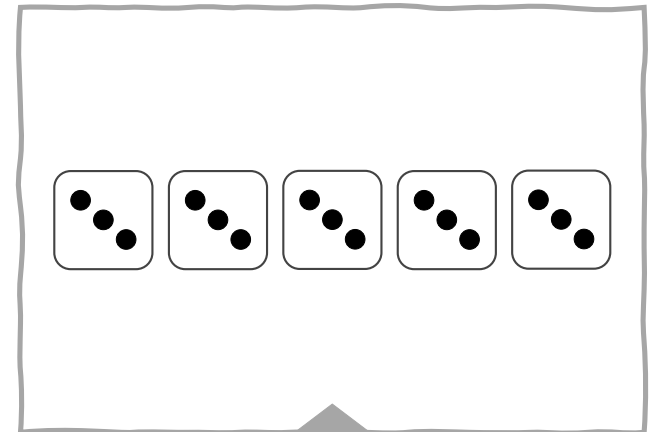
12

$5 \cdot 3$

5 Dreier



$$3+3+3+3+3$$

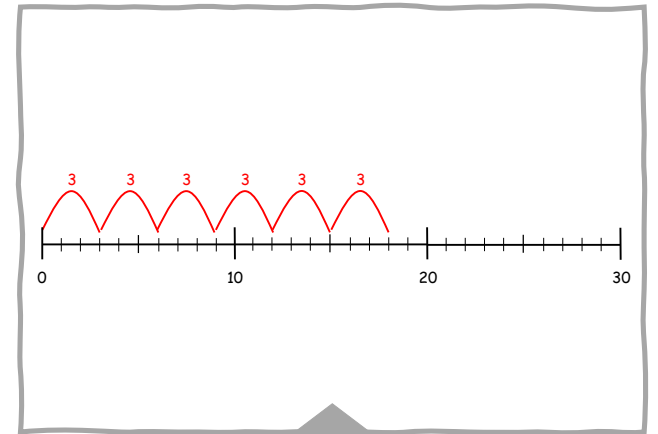
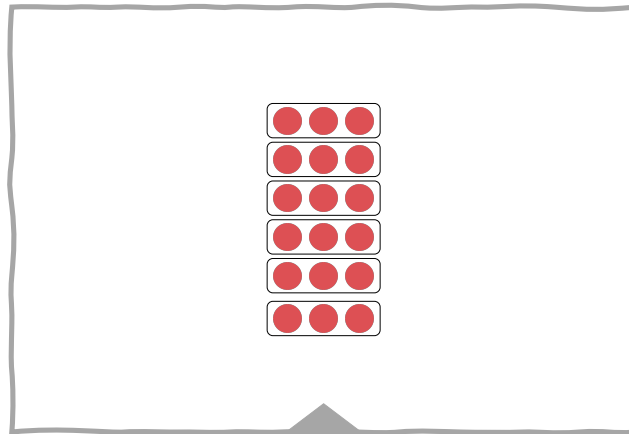
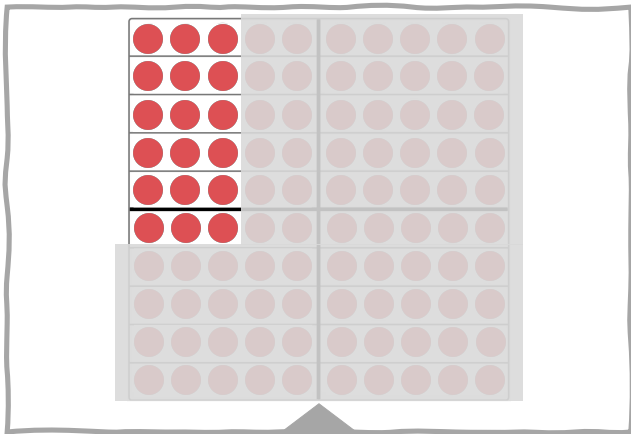


15

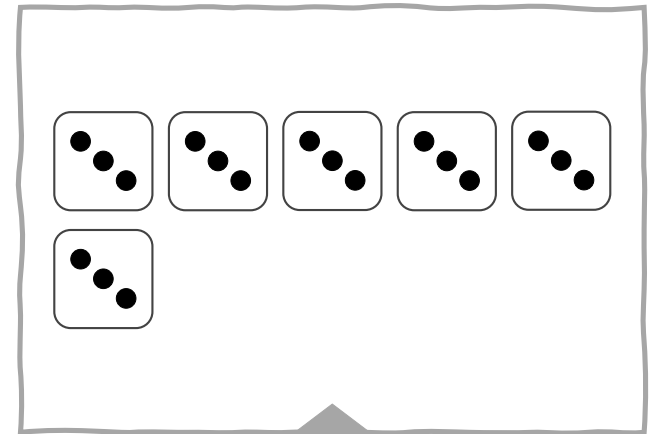
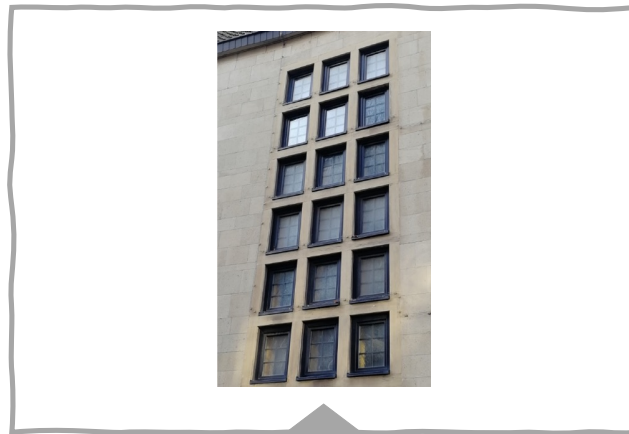
$$6 \cdot 3$$

6 Dreier





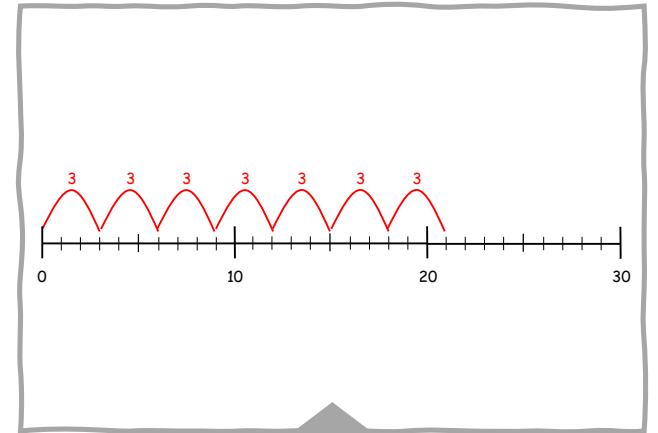
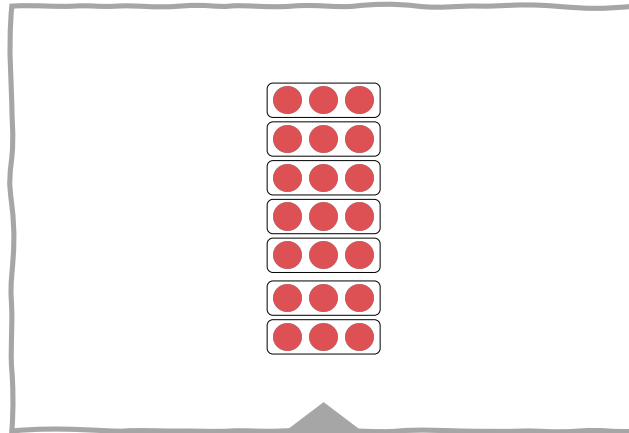
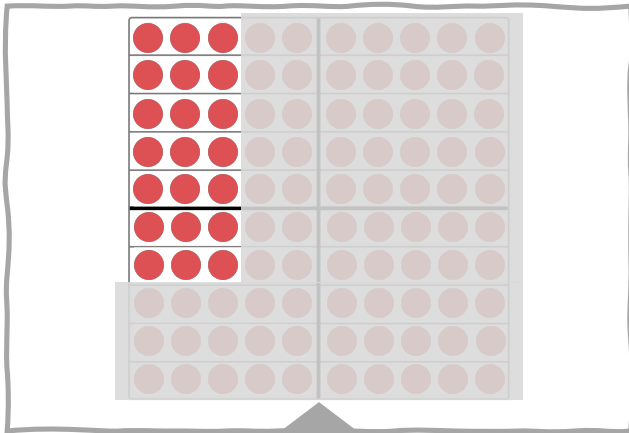
$$3+3+3+3+3+3$$



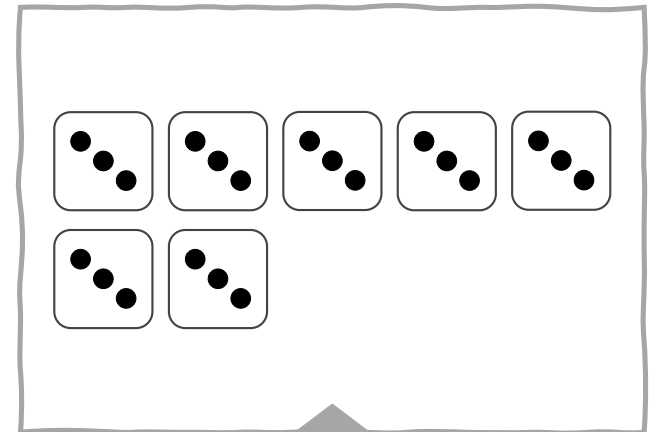
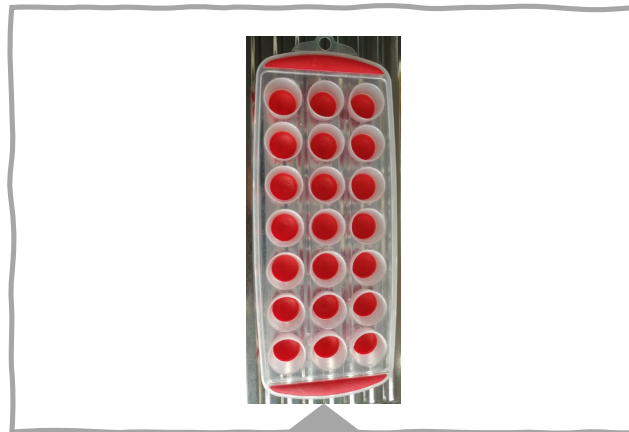
18

$$7 \cdot 3$$

7 Dreier



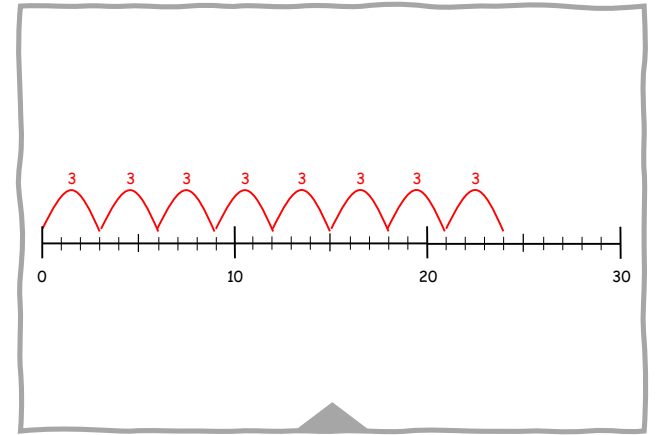
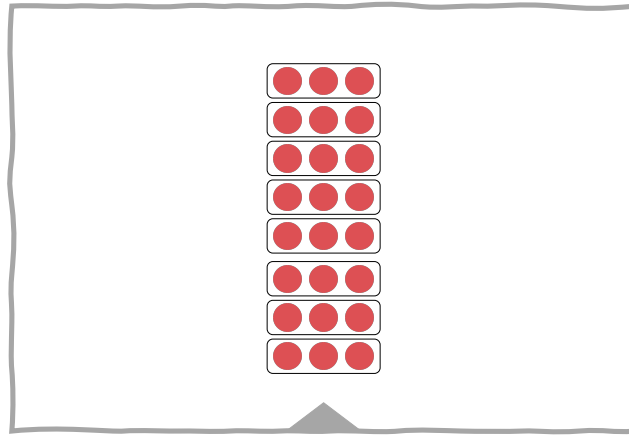
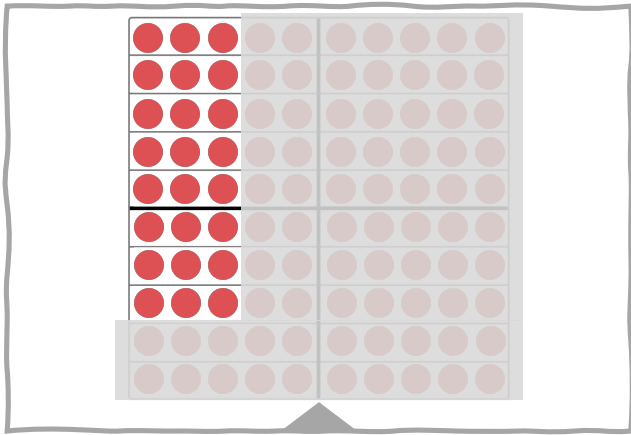
$$3+3+3+3+3$$
$$+3+3$$



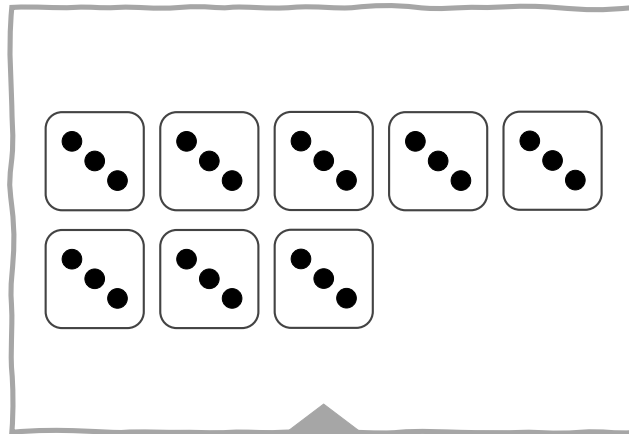
21

$8 \cdot 3$

8 Dreier



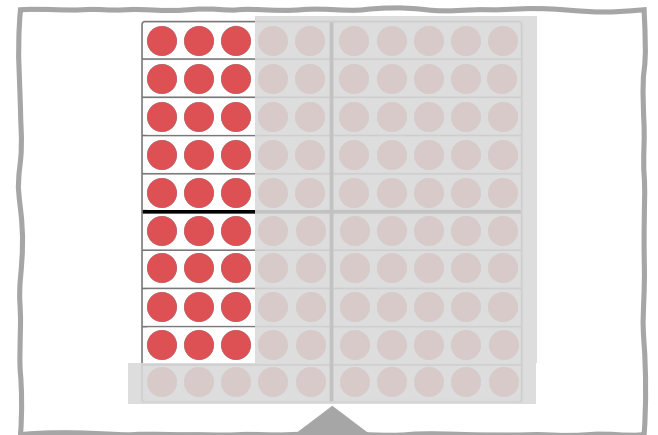
$$3+3+3+3+3$$
$$+3+3+3$$

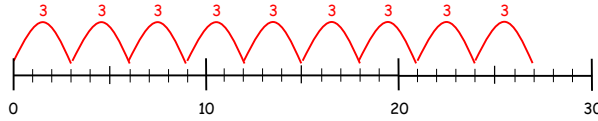
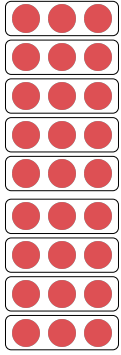


24

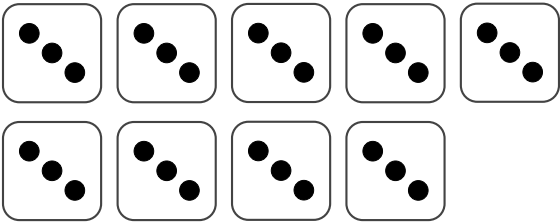
$$9 \cdot 3$$

9 Dreier





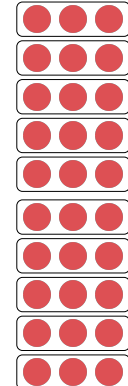
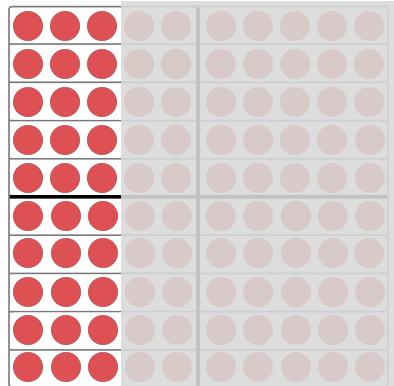
$$3+3+3+3+3$$
$$+3+3+3+3$$

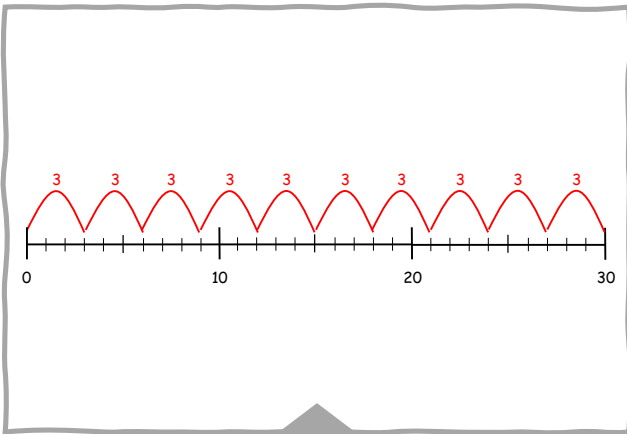


27

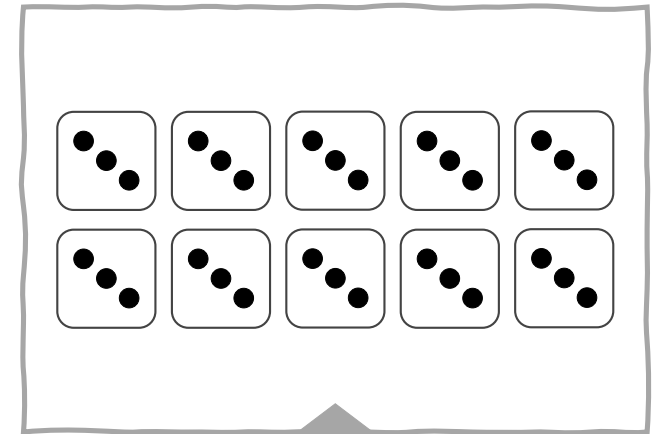
$$10 \cdot 3$$

10 Dreier





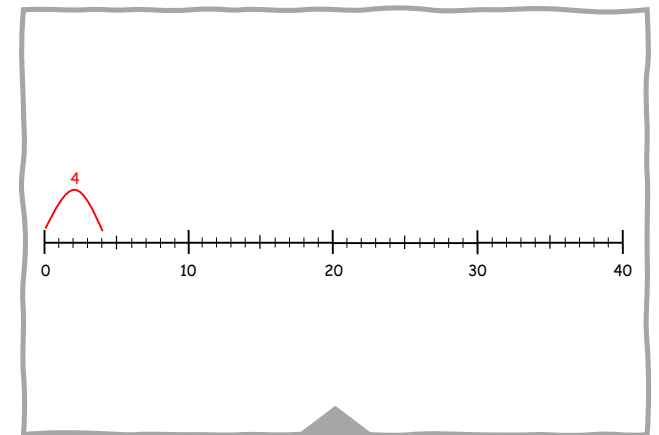
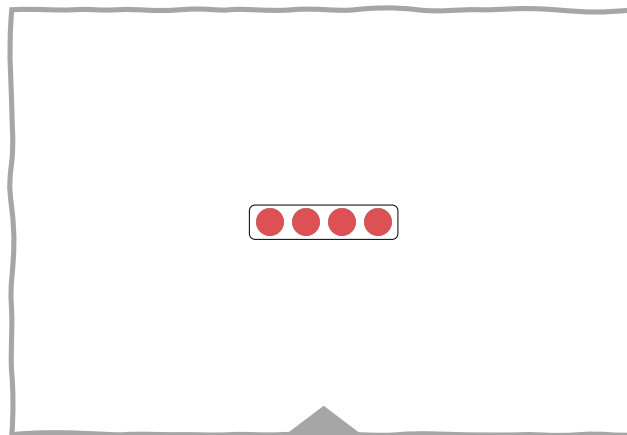
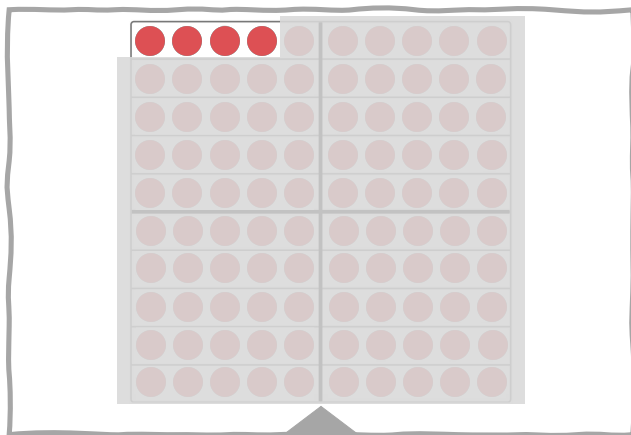
$$3+3+3+3+3$$
$$+3+3+3+3+3$$



30

$1 \cdot 4$

1 Vierer

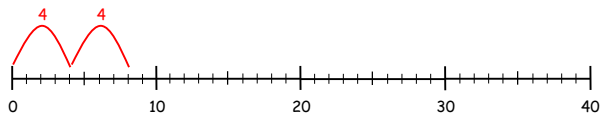
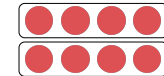
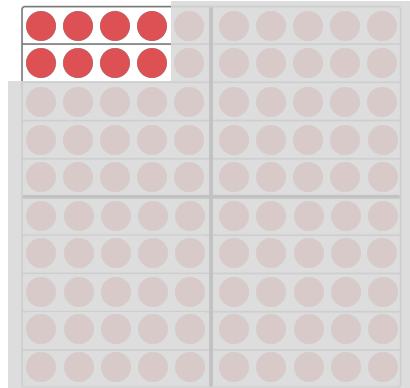




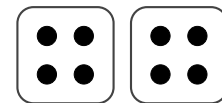
4

2 · 4

2 Vierer



4 + 4

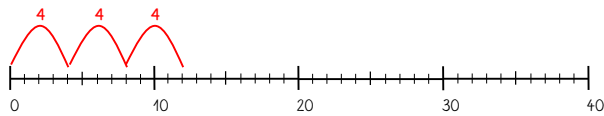
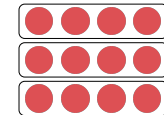
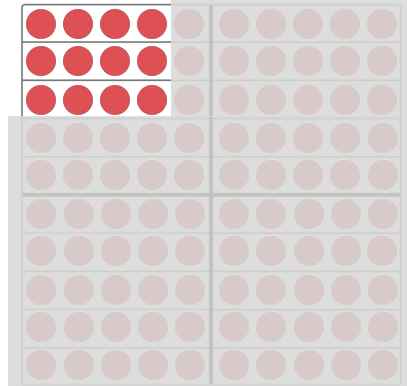




8

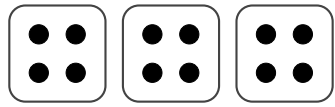
$3 \cdot 4$

3 Vierer



$4+4+4$

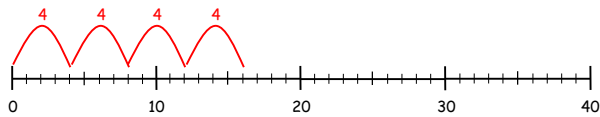
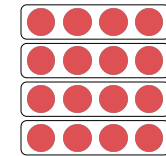
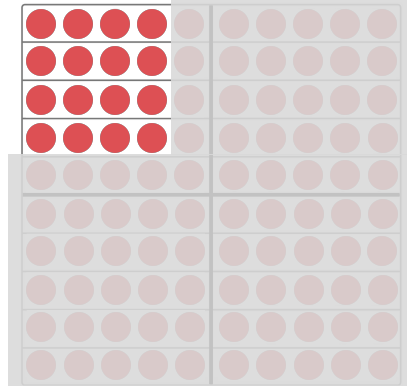




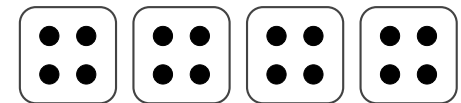
12

$4 \cdot 4$

4 Vierer



$4+4+4+4$

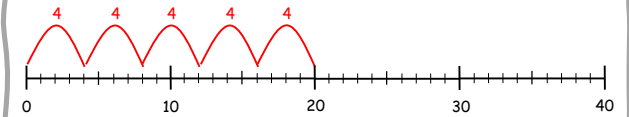
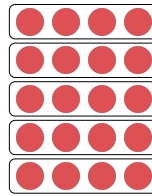
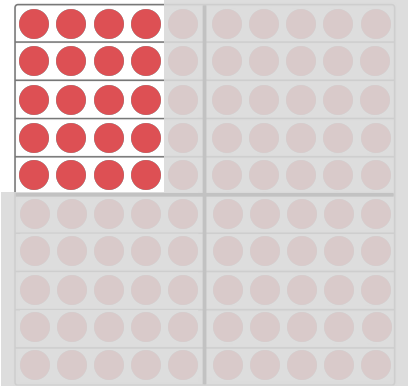




16

5 · 4

5 Vierer



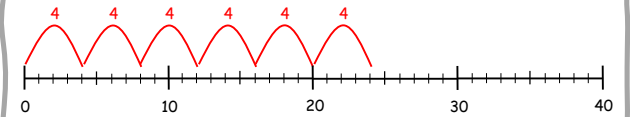
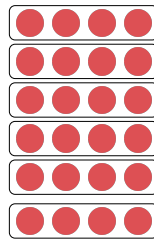
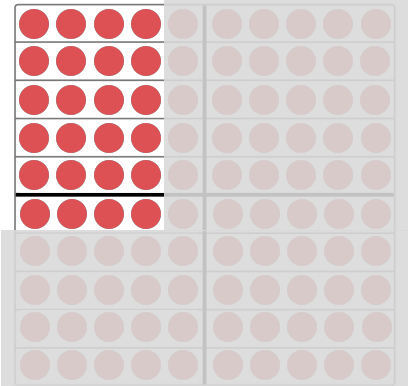
4+4+4+4+4



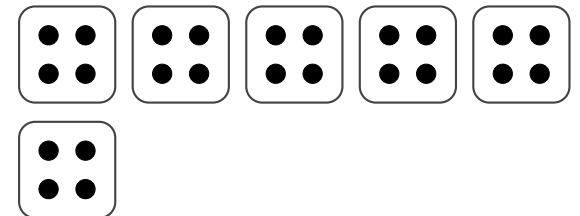
20

6 · 4

6 Vierer



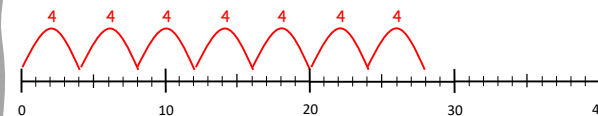
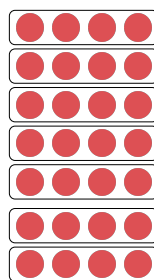
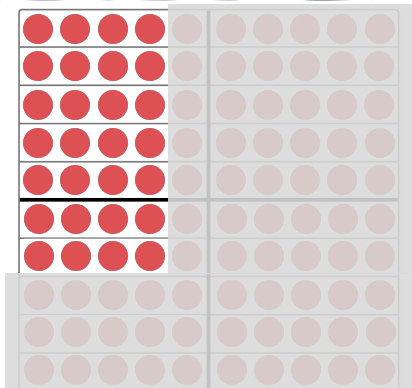
$$4+4+4+4+4+4$$



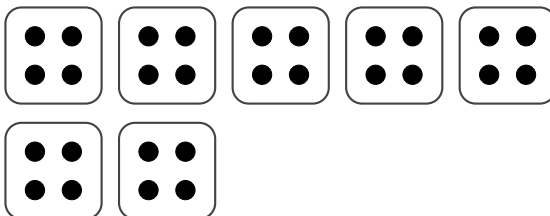
24

$7 \cdot 4$

7 Vierer



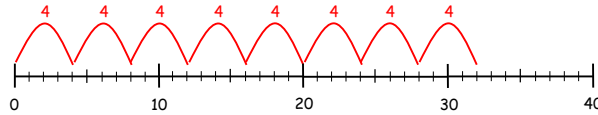
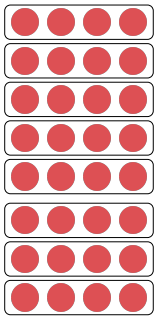
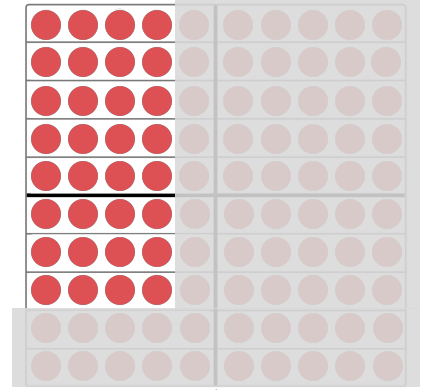
$4+4+4+4+4$   
 $+4+4$



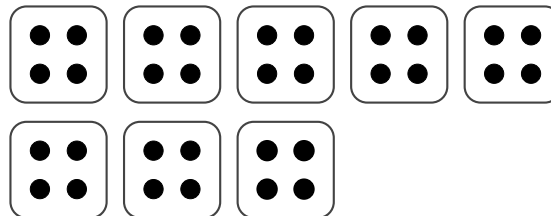
28

$$8 \cdot 4$$

8 Vierer



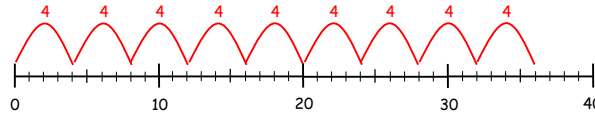
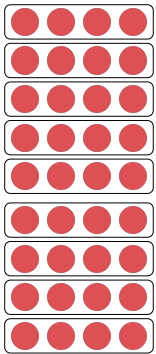
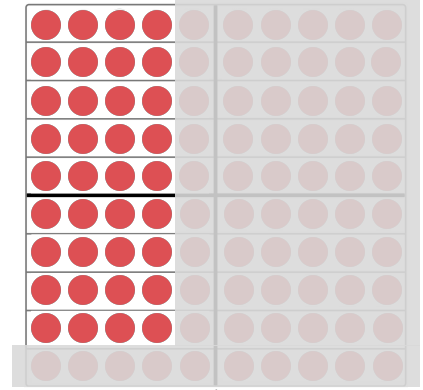
$$4+4+4+4+4+4+4+4$$



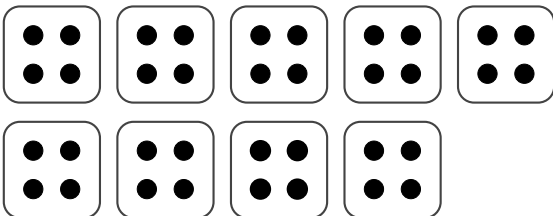
32

$$9 \cdot 4$$

9 Vierer



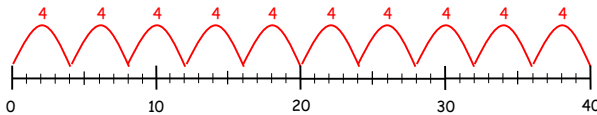
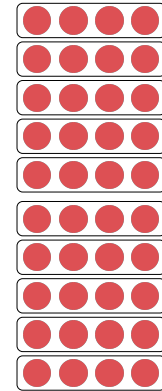
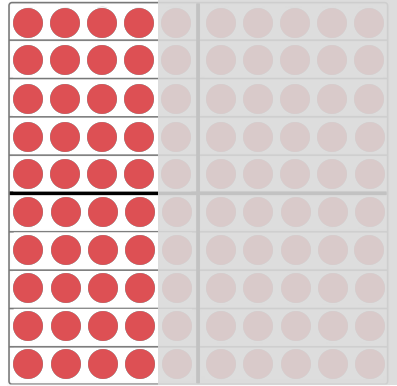
$$4+4+4+4+4$$
$$+4+4+4+4$$



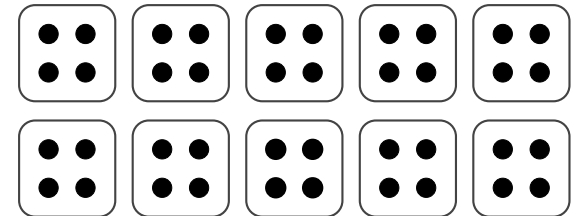
36

$$10 \cdot 4$$

10 Vierer



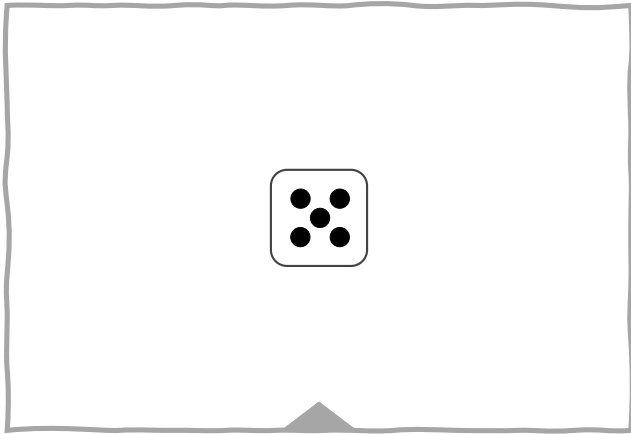
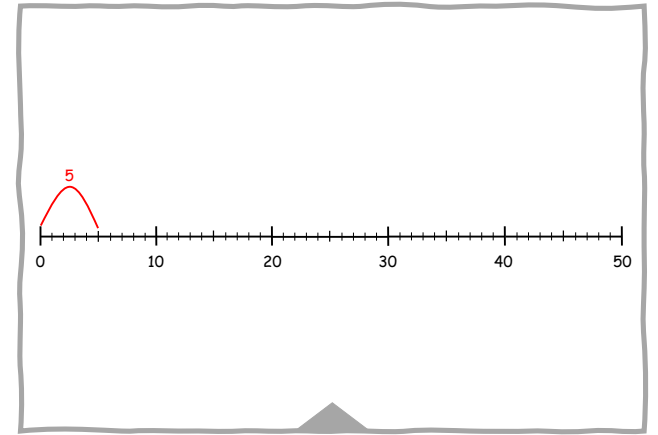
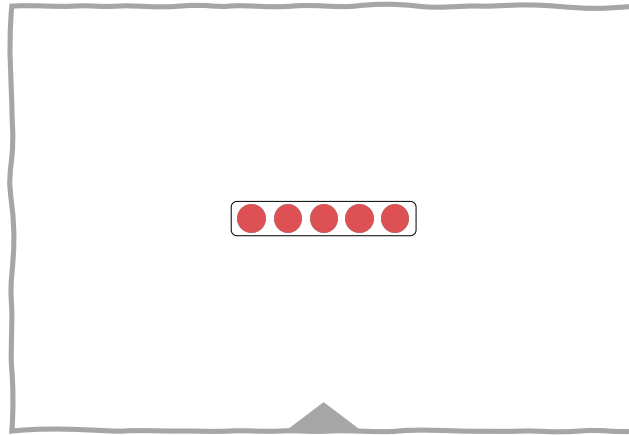
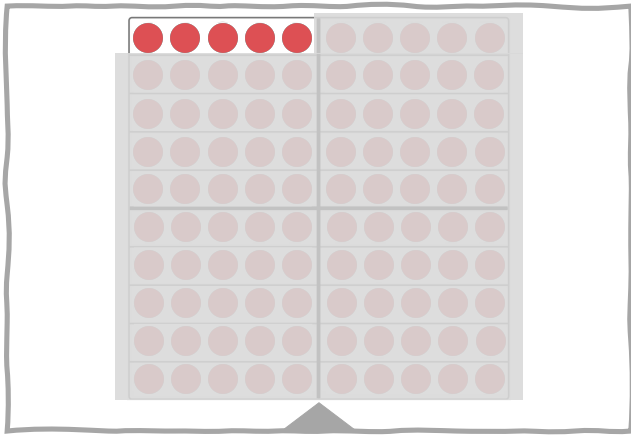
$$4+4+4+4+4$$
$$+4+4+4+4+4$$



40

1·5

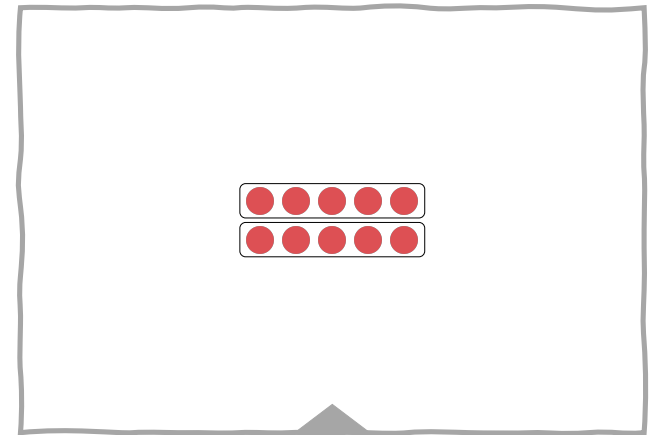
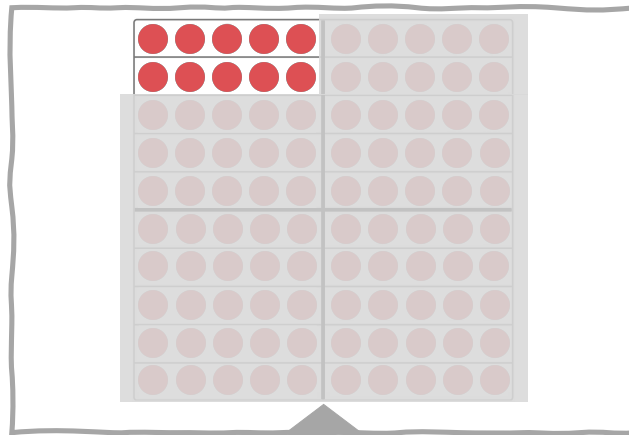
1 Fünfer

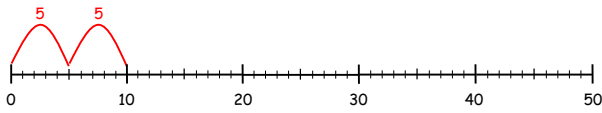


5

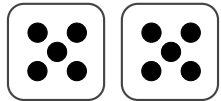
2.5

2 Fünfer





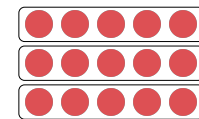
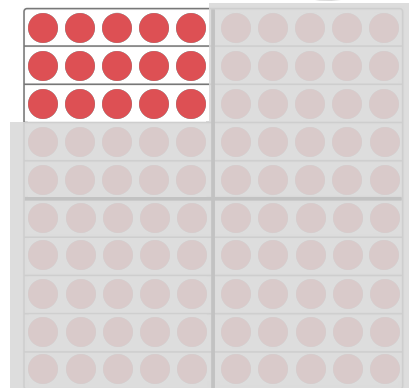
$$5+5$$



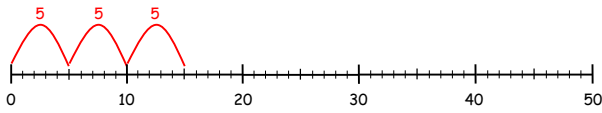
10

3 · 5

3 Fünfer







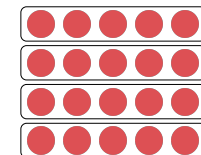
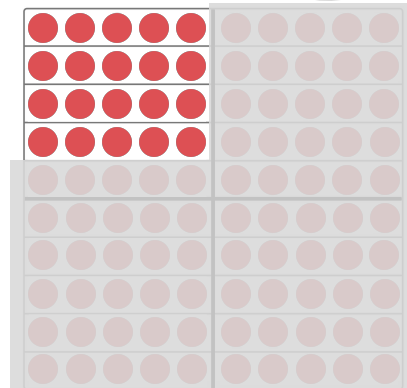
$$5+5+5$$

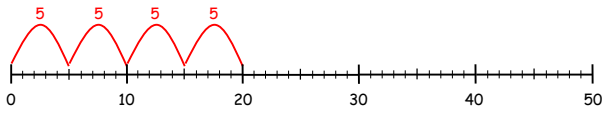


15

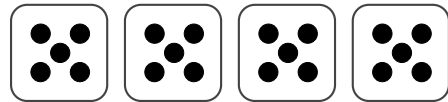
4 · 5

4 Fünfer





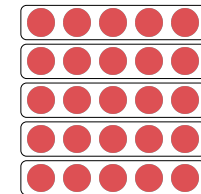
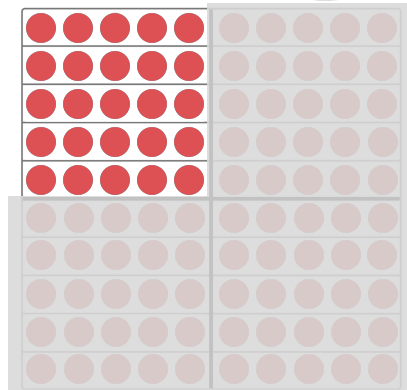
$$5+5+5+5$$

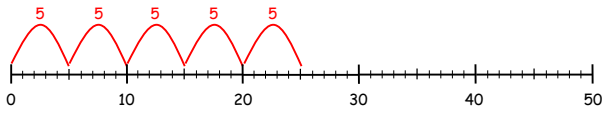


20

5·5

5 Fünfer





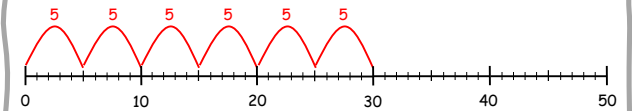
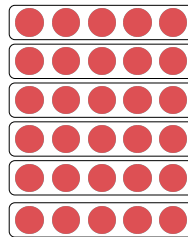
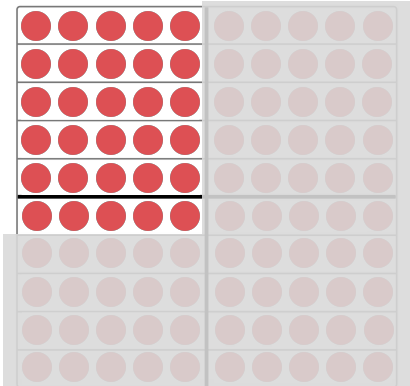
$$5+5+5+5+5$$



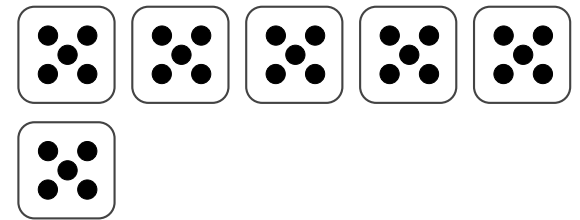
25

$$6 \cdot 5$$

6 Fünfer



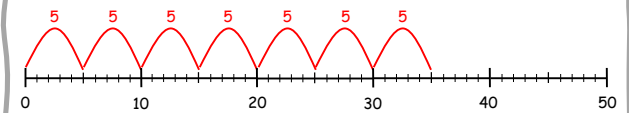
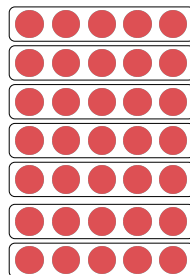
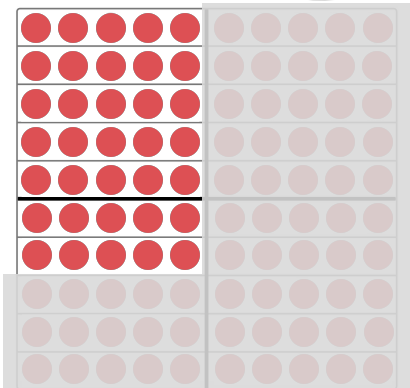
$$5+5+5+5+5$$
$$+5$$



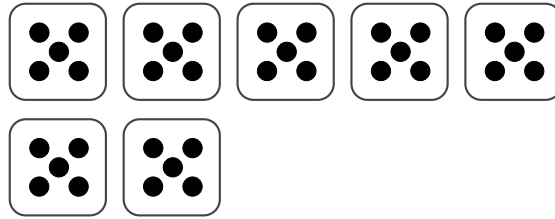
30

7 · 5

7 Fünfer



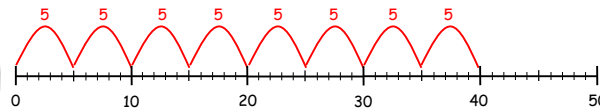
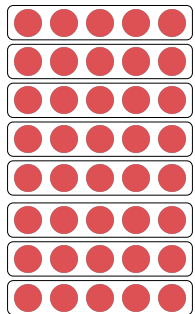
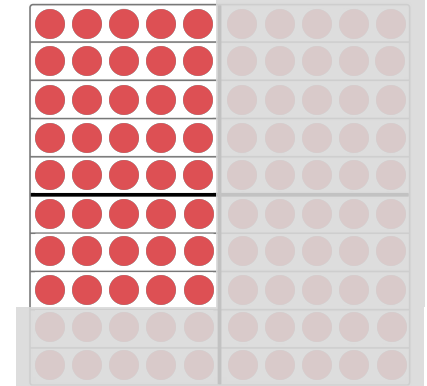
$$5+5+5+5+5 \\ +5+5$$



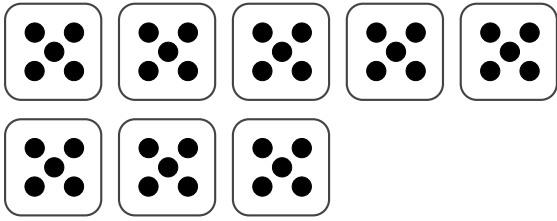
35

$$8 \cdot 5$$

8 Fünfer



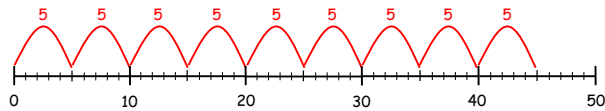
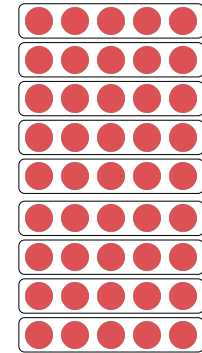
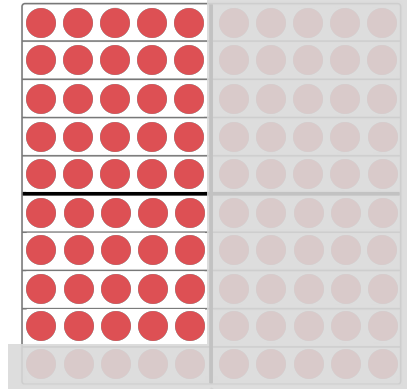
$$5+5+5+5+5 \\ +5+5+5$$



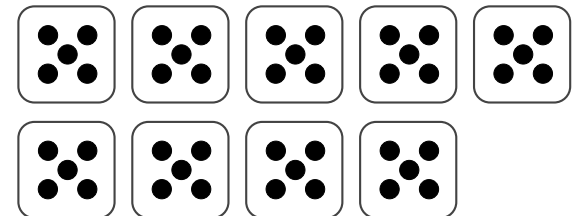
40

9·5

9 Fünfer



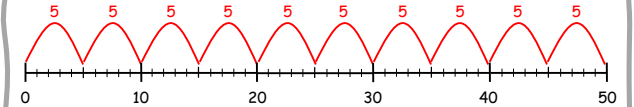
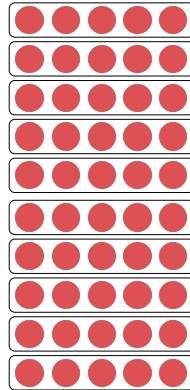
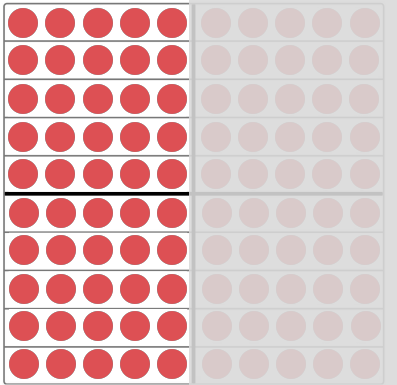
$$5+5+5+5+5$$
$$+5+5+5+5$$



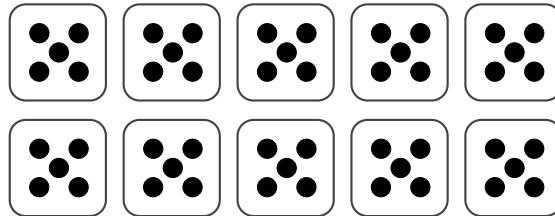
45

10 · 5

10 Fünfer



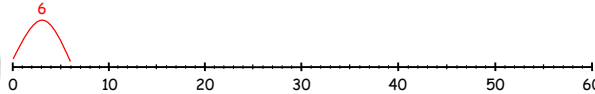
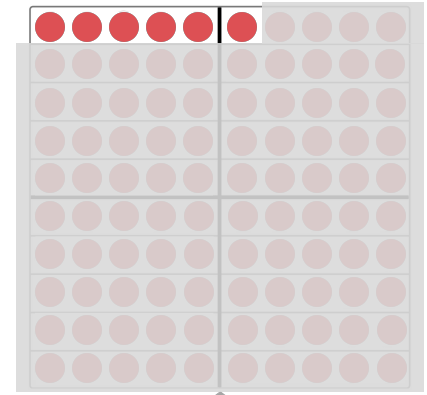
$5+5+5+5+5$   
 $+5+5+5+5+5$



50

1·6

1 Sechser

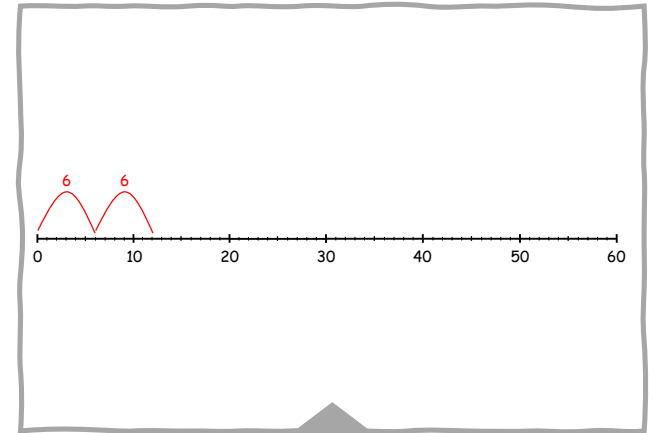
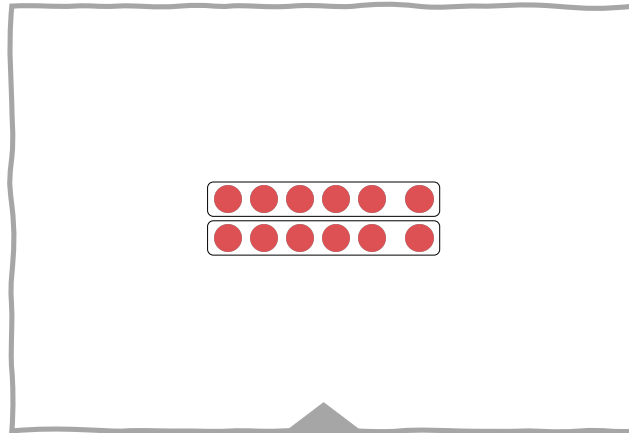
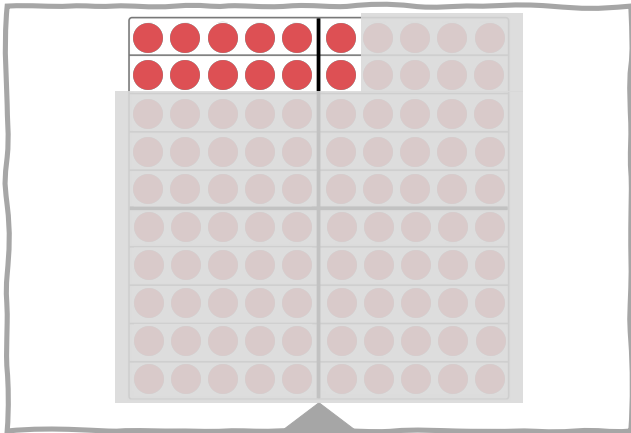


6

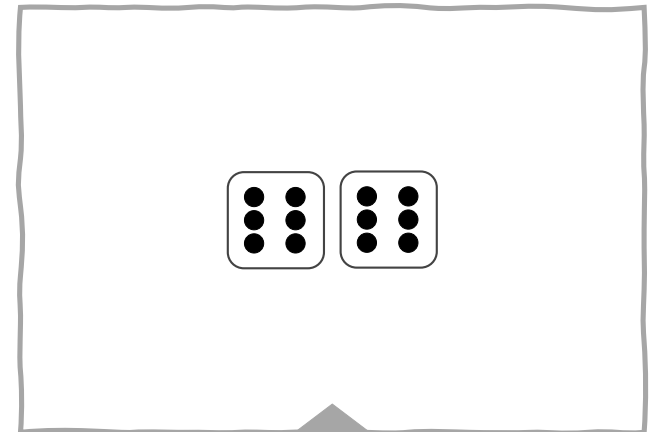
2·6

2 Sechser





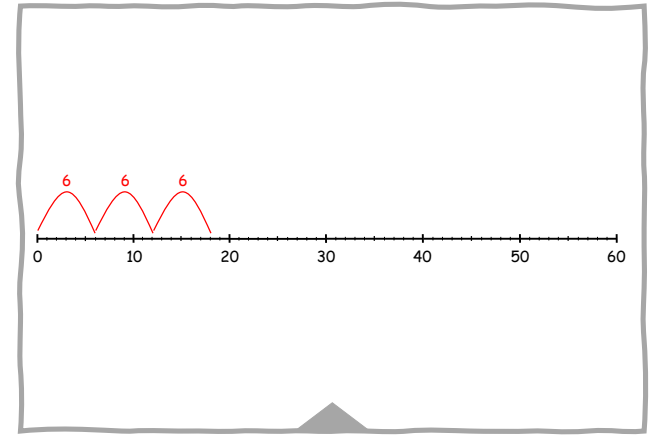
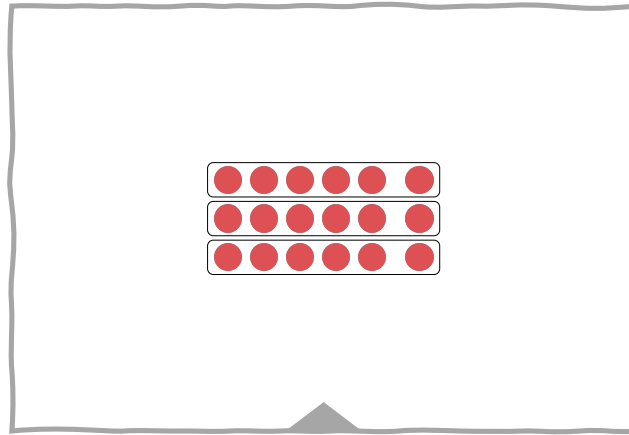
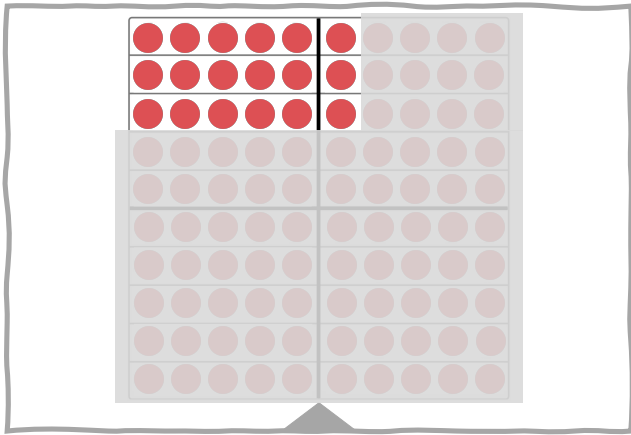
$6+6$



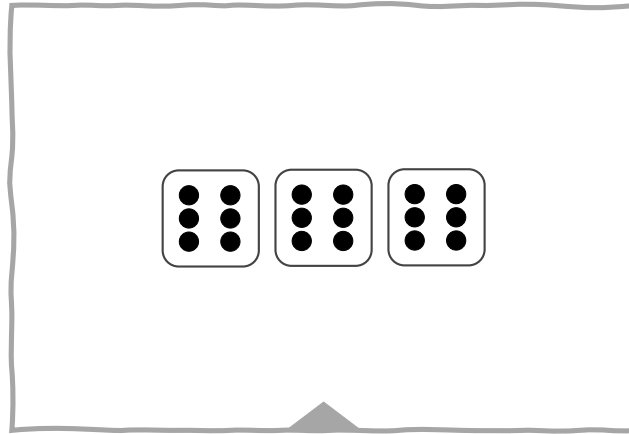
12

$3 \cdot 6$

3 Sechser



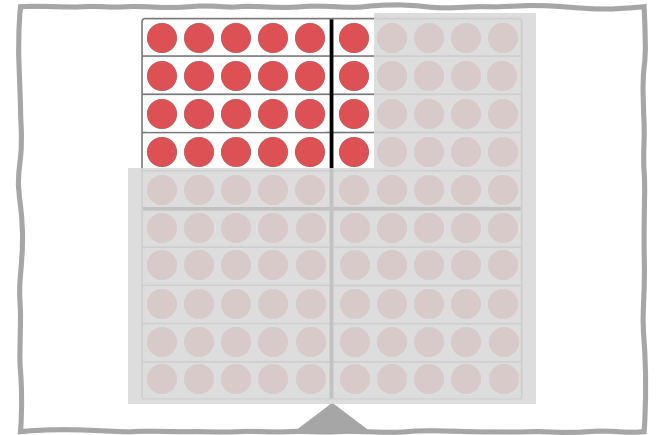
$6+6+6$

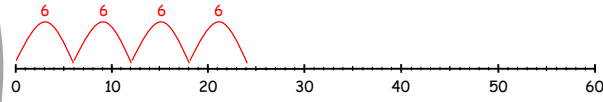
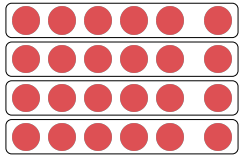


18

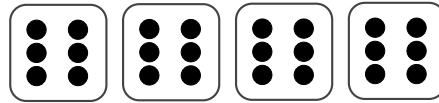
$4 \cdot 6$

4 Sechser





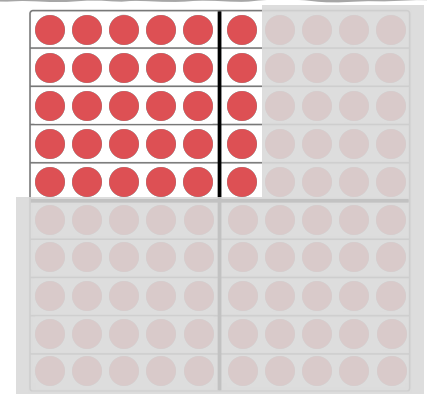
$$6+6+6+6$$

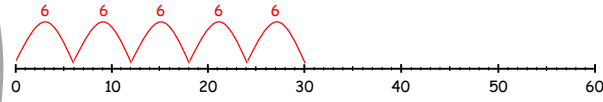
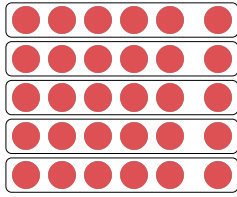


24

$$5 \cdot 6$$

5 Sechser





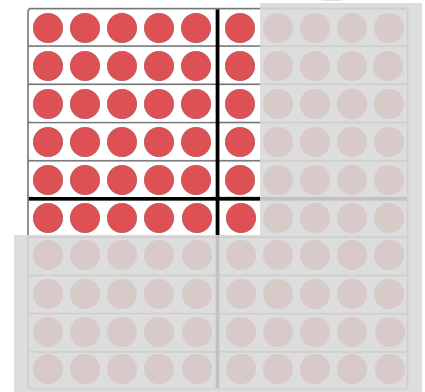
$$6+6+6+6+6$$

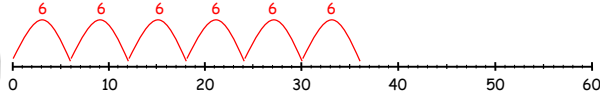
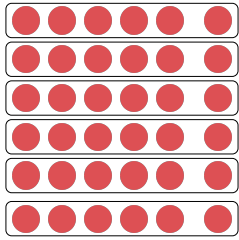


30

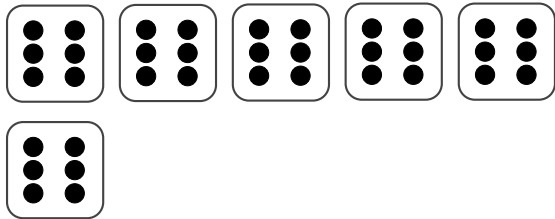
$$6 \cdot 6$$

6 Sechser





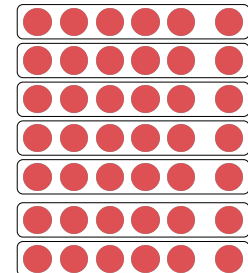
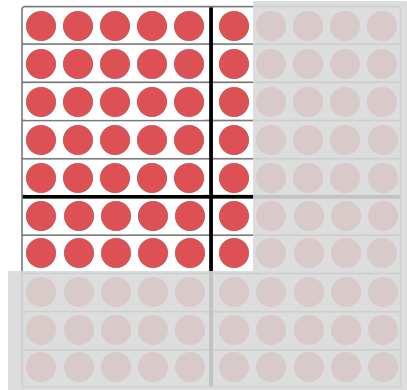
$$6+6+6+6+6+6+6$$

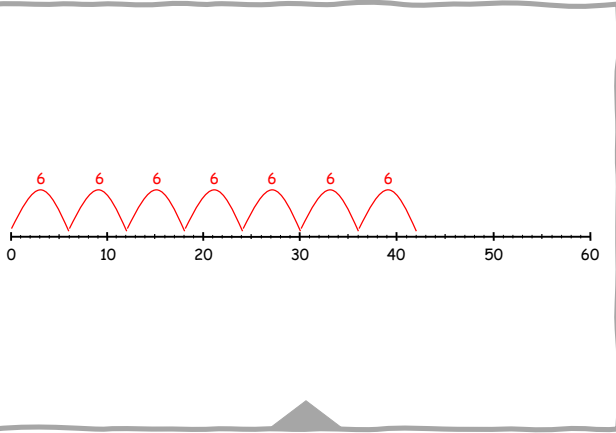


36

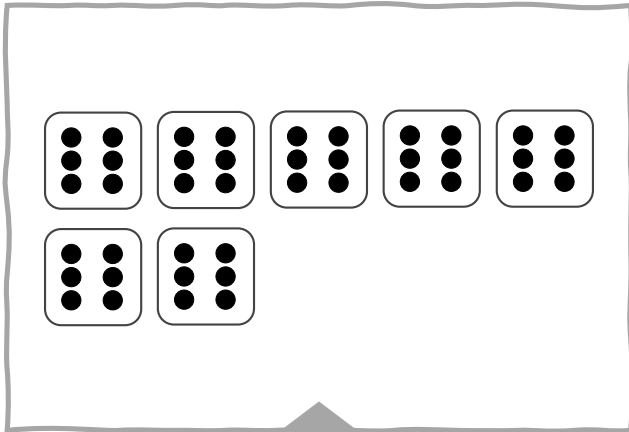
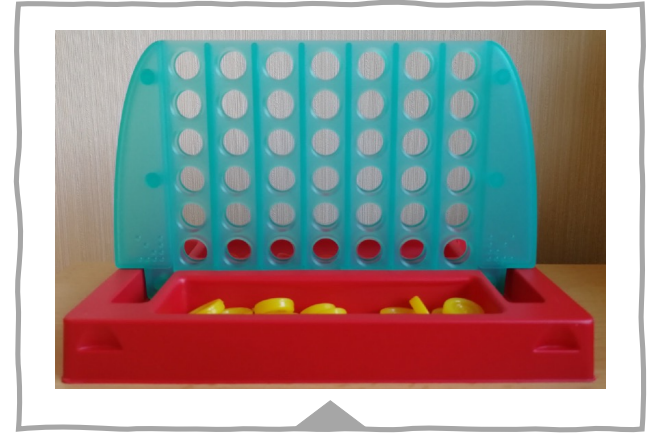
$$7 \cdot 6$$

7 Sechser





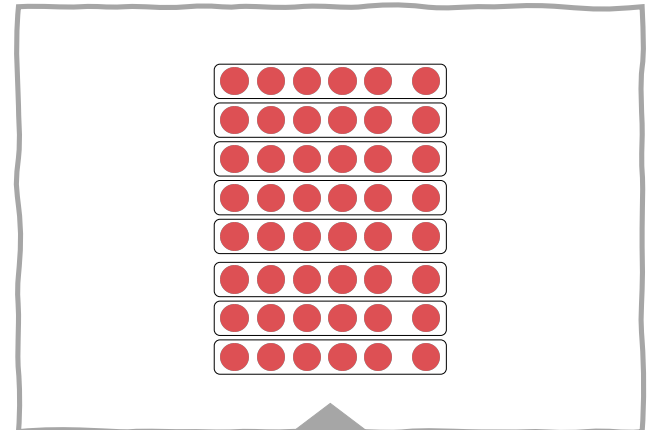
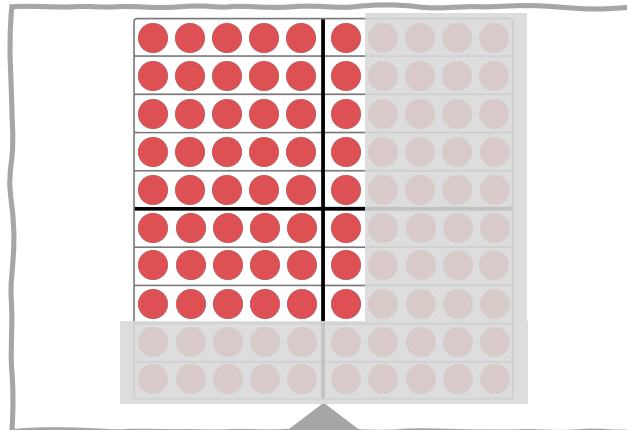
$$6+6+6+6+6+6+6$$

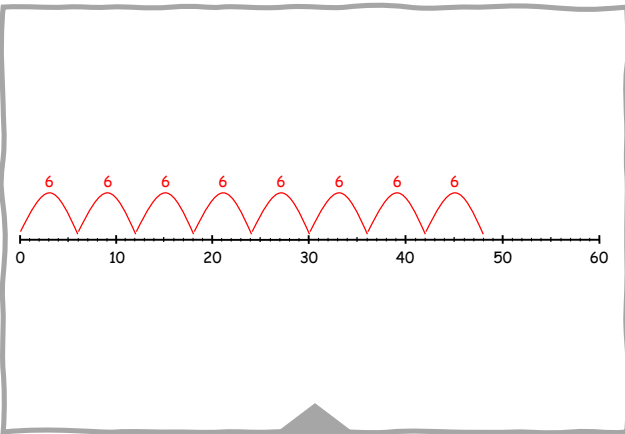


42

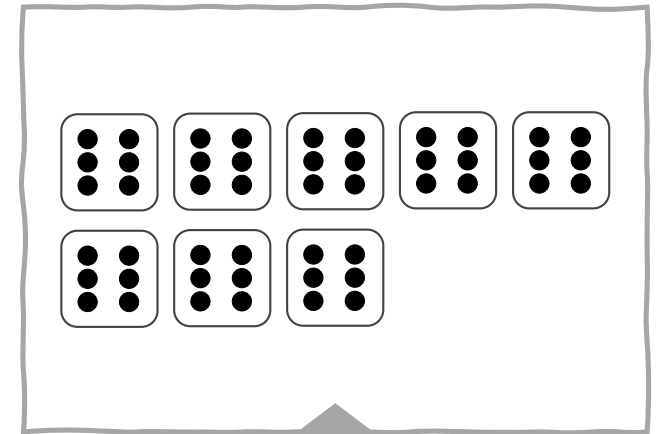
$8 \cdot 6$

8 Sechser





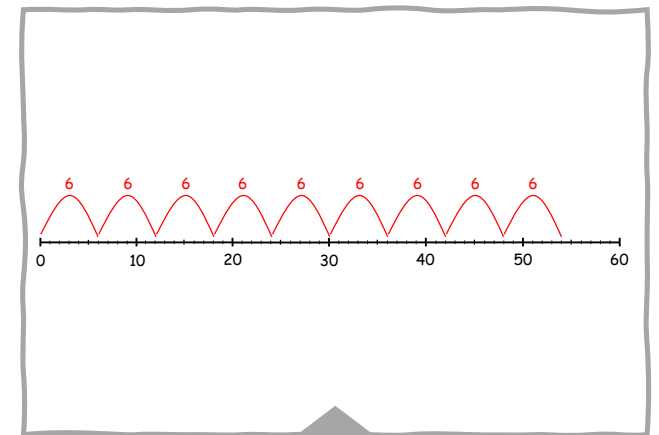
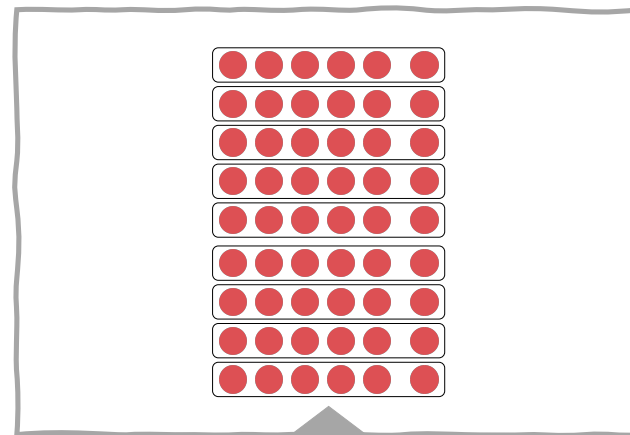
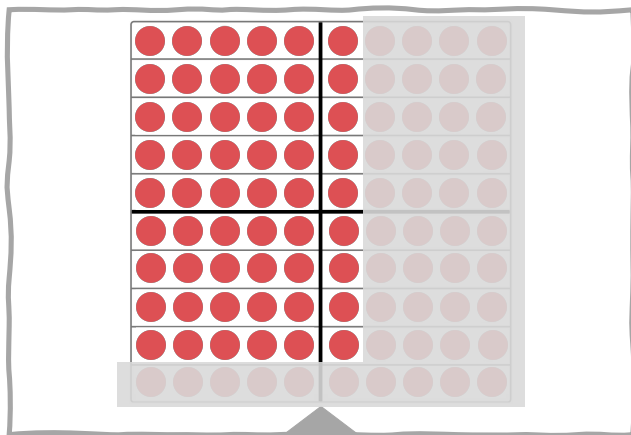
$$6+6+6+6+6 \\ +6+6+6$$



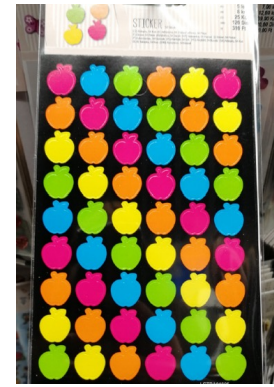
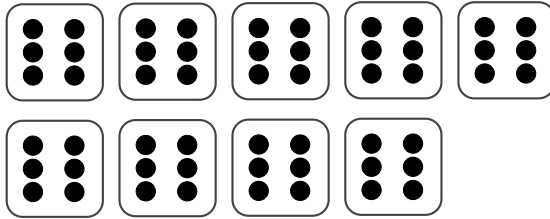
48

$$9 \cdot 6$$

9 Sechser



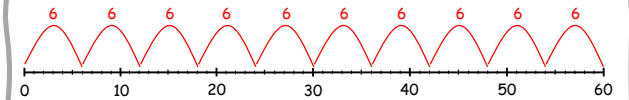
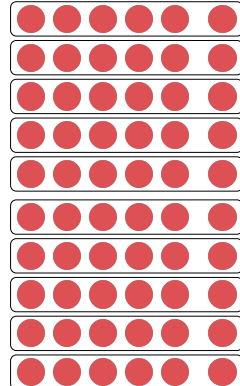
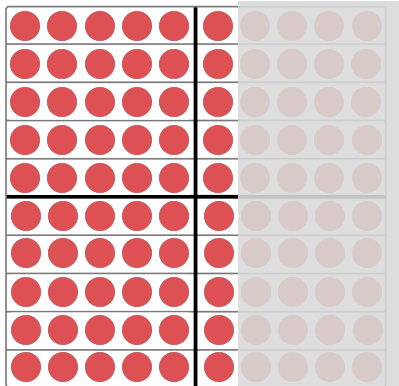
$$6+6+6+6+6$$
$$+6+6+6+6$$



54

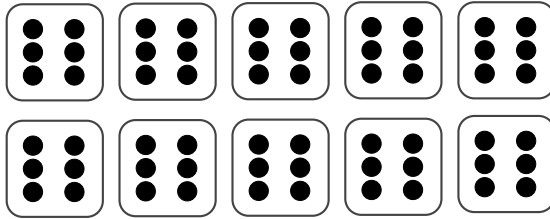
$$10 \cdot 6$$

10 Sechser





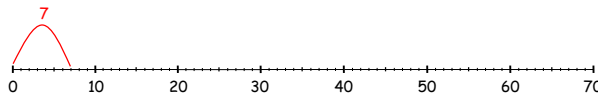
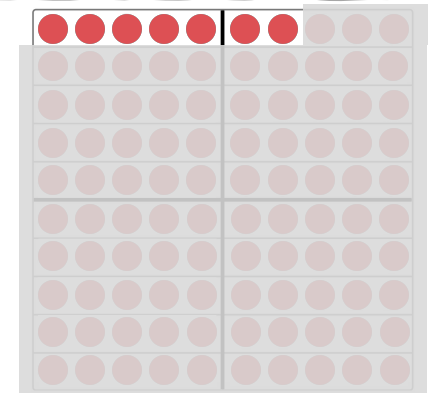
$$6+6+6+6+6$$
$$+6+6+6+6+6$$



60

1 · 7

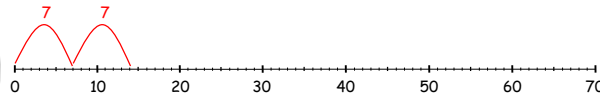
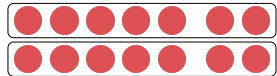
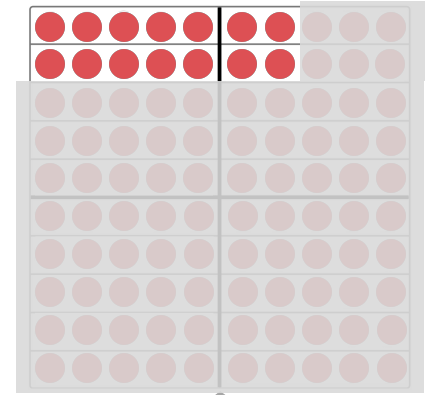
1 Siebener



7

$$2 \cdot 7$$

2 Siebener

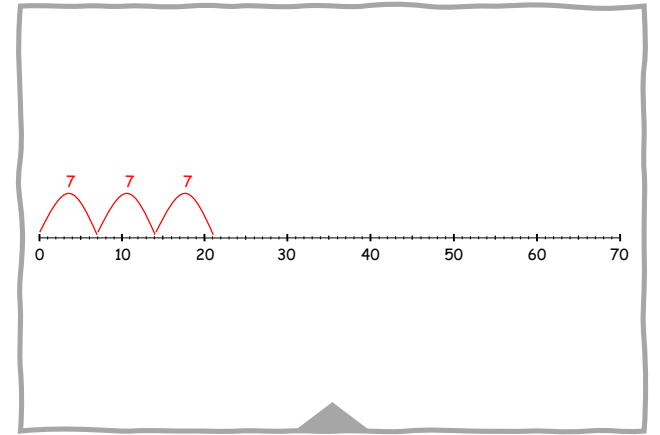
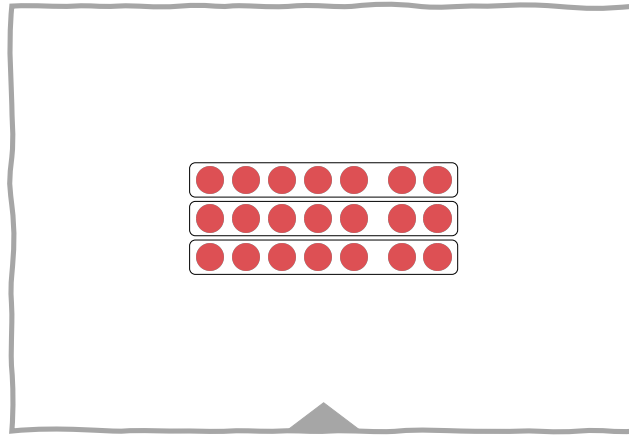
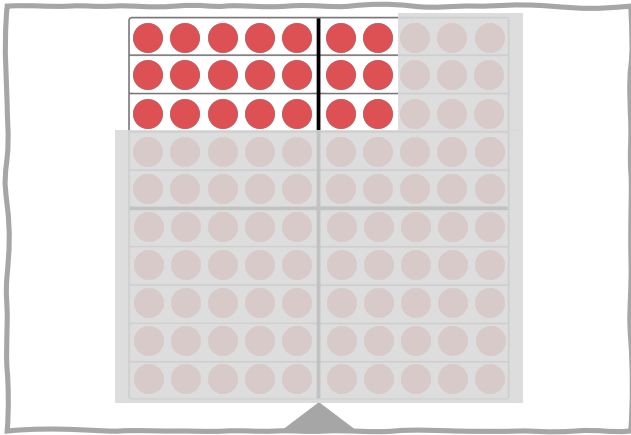


$$7 + 7$$

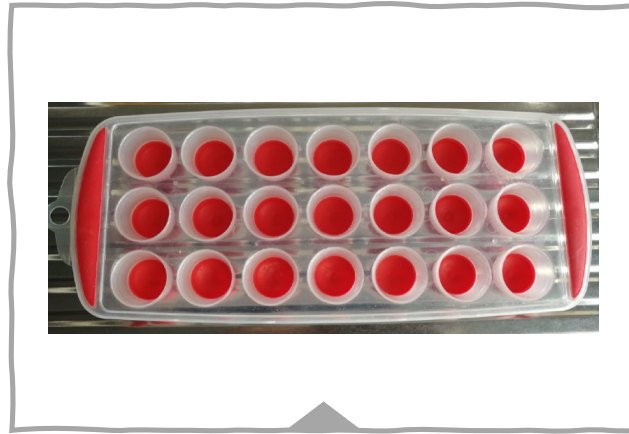
14

$$3 \cdot 7$$

3 Siebener



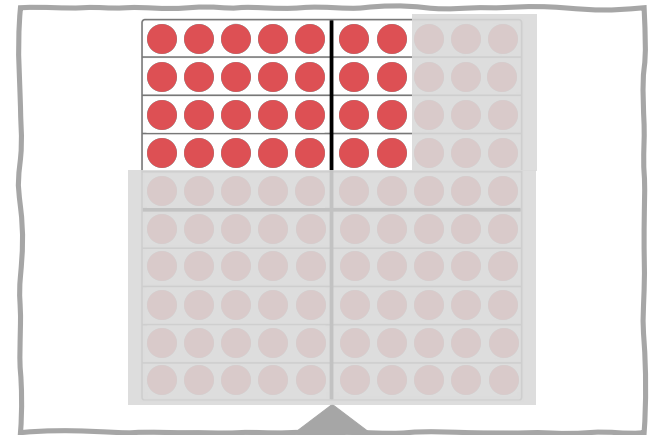
$$7+7+7$$

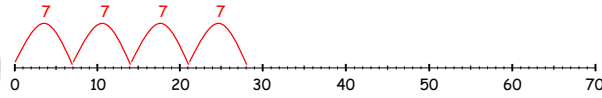
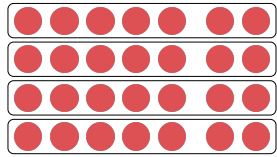


21

$$4 \cdot 7$$

4 Siebener



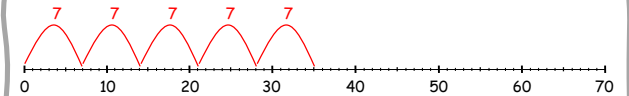
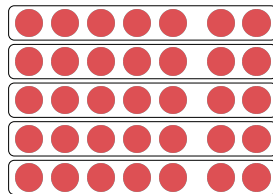
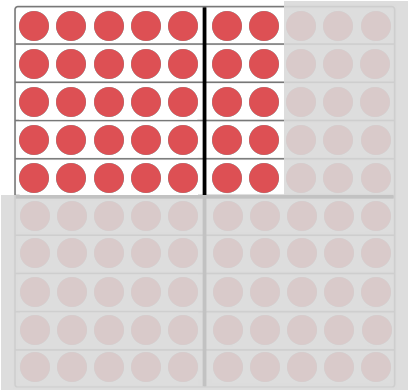


$$7+7+7+7$$

28

$$5 \cdot 7$$

5 Siebener

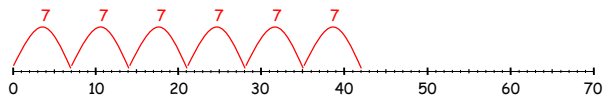
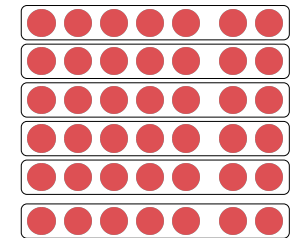
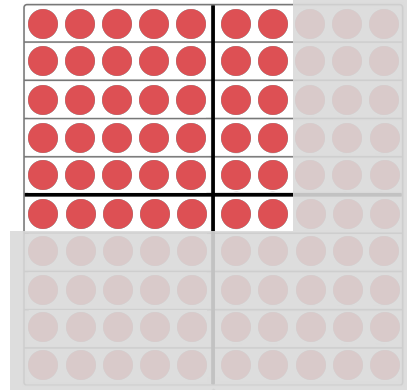


$$7+7+7+7+7$$

35

$$6 \cdot 7$$

6 Siebener



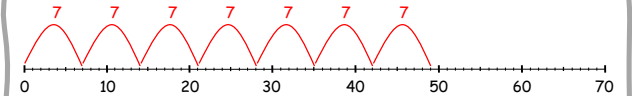
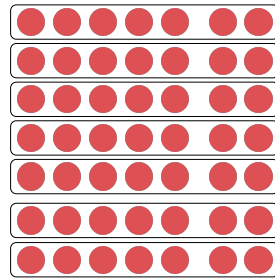
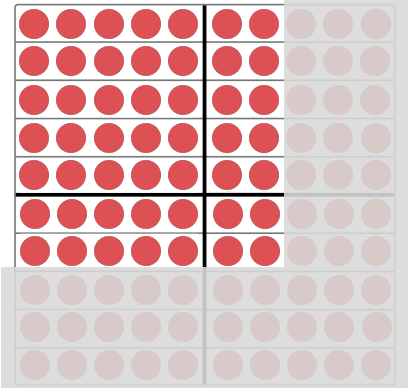
$$7+7+7+7+7$$
$$+7$$



42

7·7

7 Siebener



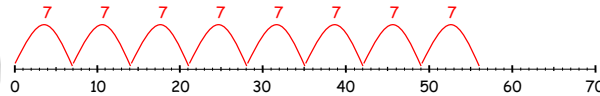
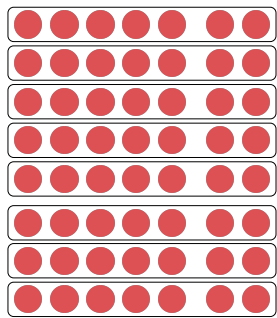
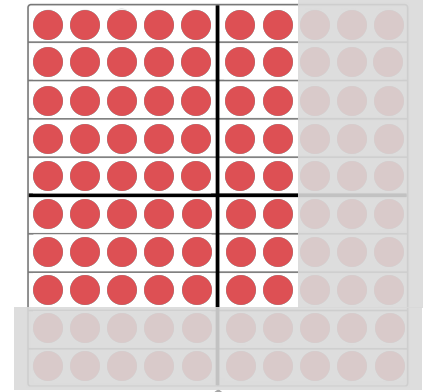
$$\begin{array}{r} 7+7+7+7+7 \\ +7+7 \end{array}$$



49

$$8 \cdot 7$$

8 Siebener

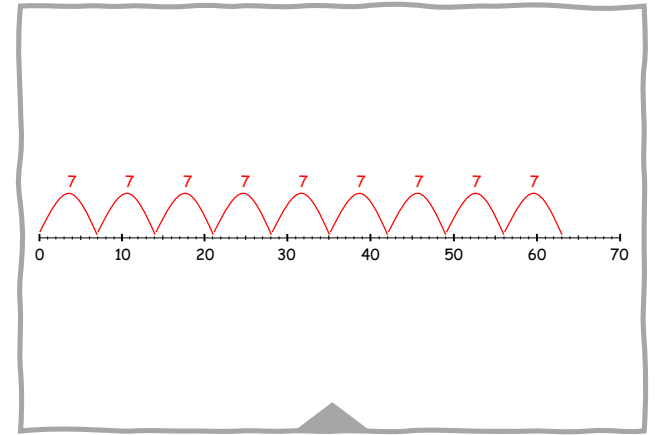
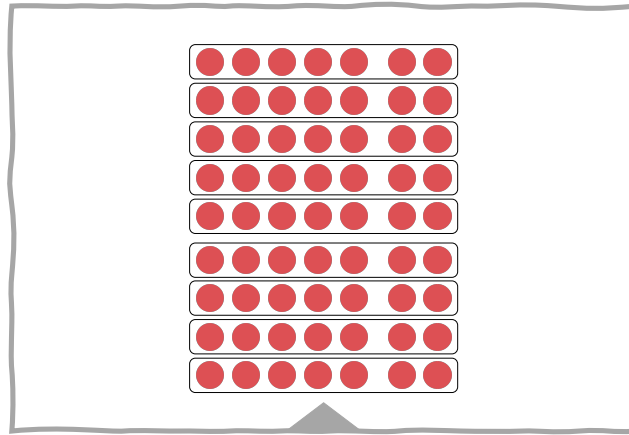
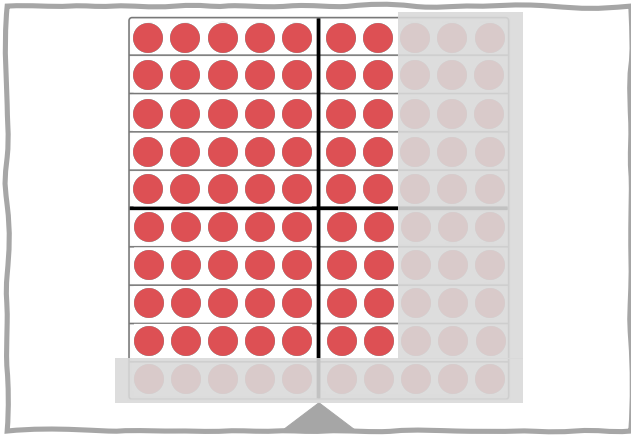


$$7+7+7+7+7 \\ +7+7+7$$

56

$$9 \cdot 7$$

9 Siebener

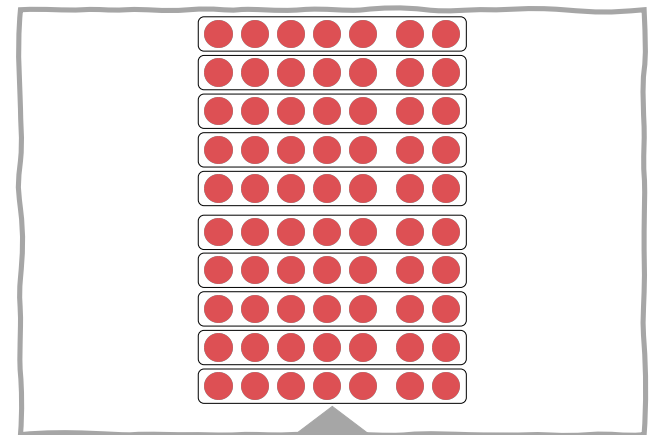
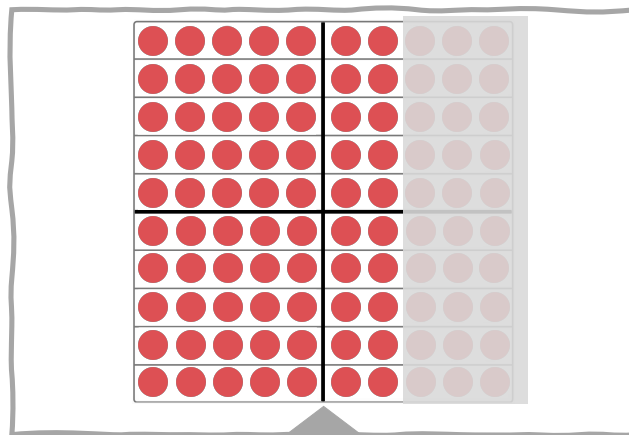


$$\begin{array}{r} 7+7+7+7+7 \\ +7+7+7+7 \end{array}$$

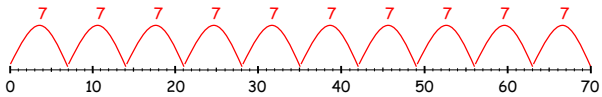
63

$$10 \cdot 7$$

10 Siebener





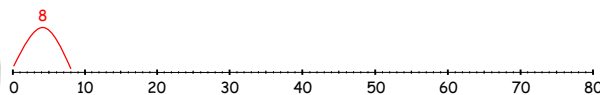
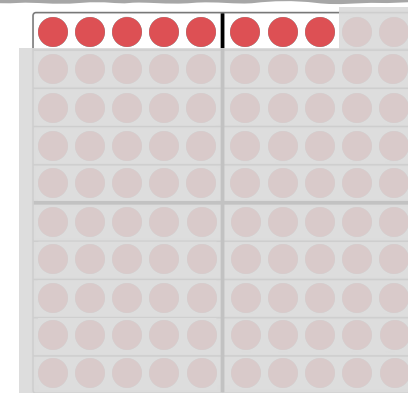


$$7+7+7+7+7$$
$$+7+7+7+7+7$$

70

1·8

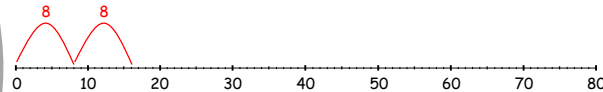
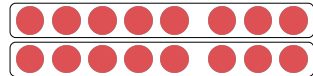
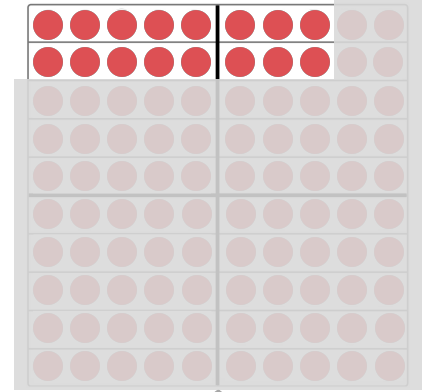
1 Achter



8

$$2 \cdot 8$$

2 Achter

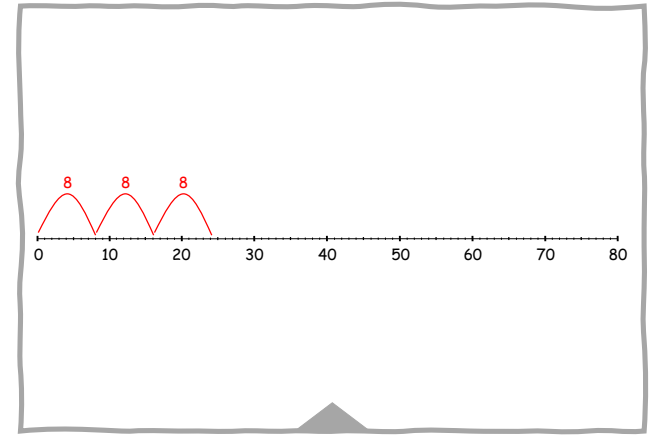
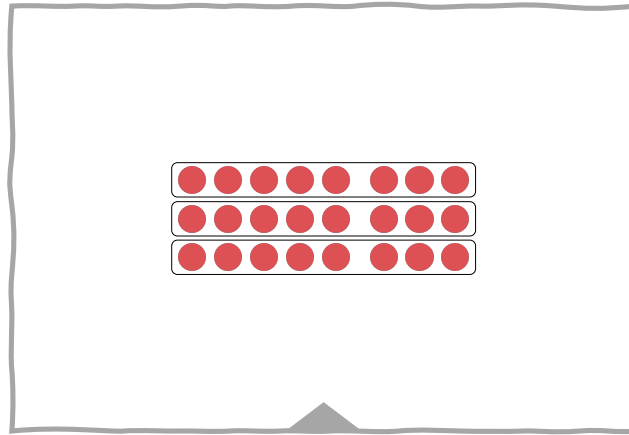
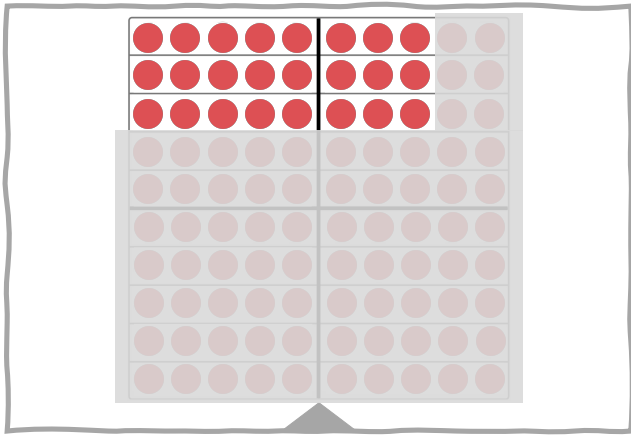


$$8 + 8$$

16

$$3 \cdot 8$$

3 Achter

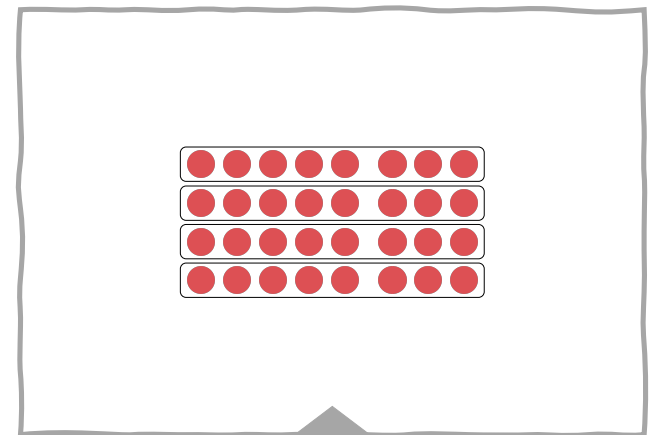
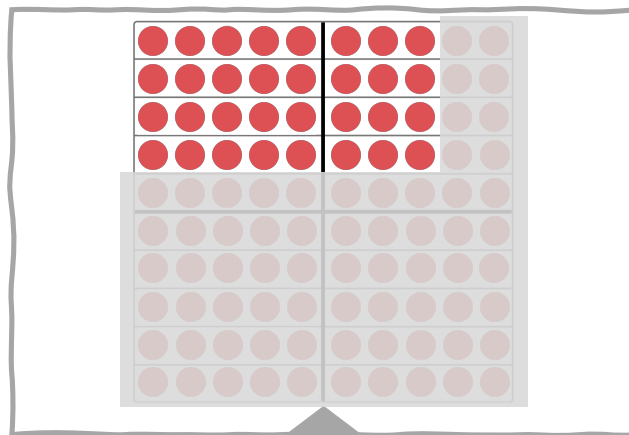


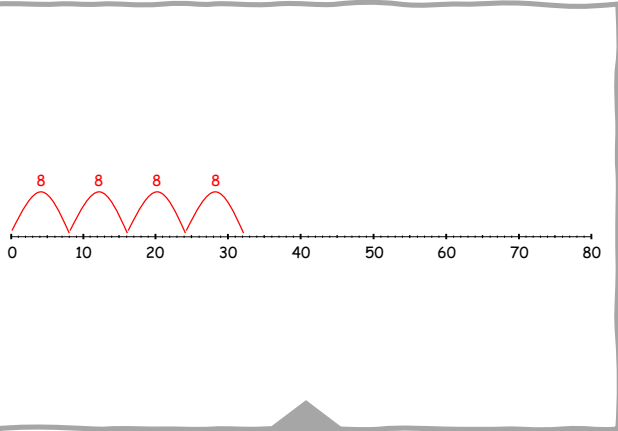
$$8+8+8$$

24

$$4 \cdot 8$$

4 Achter





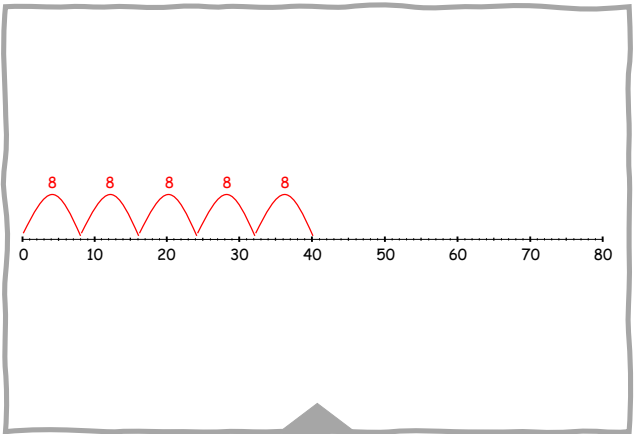
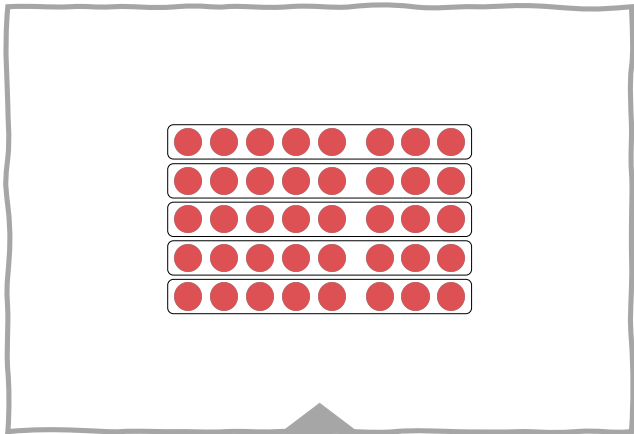
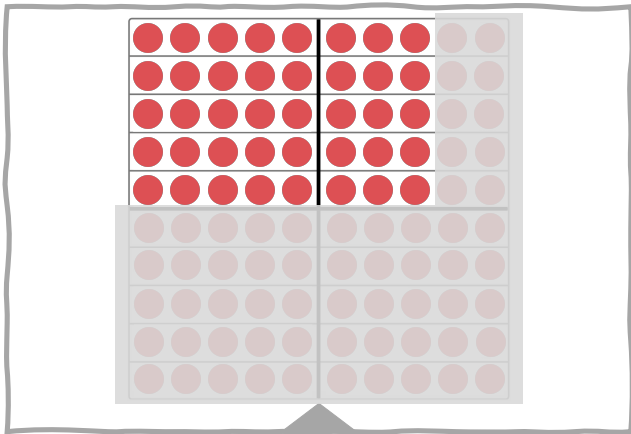
$$8+8+8+8$$



32

$$5 \cdot 8$$

5 Achter

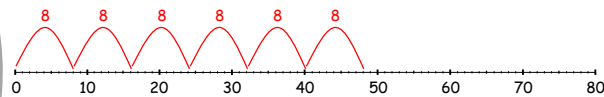
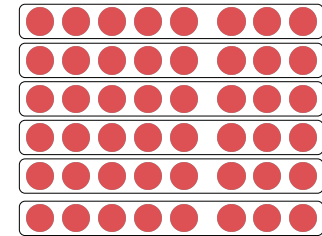
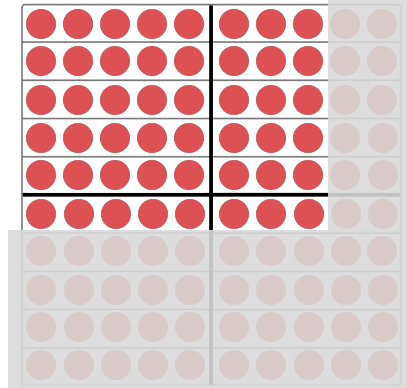


$$8+8+8+8+8$$

40

$$6 \cdot 8$$

6 Achter

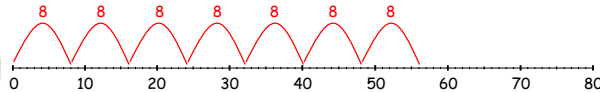
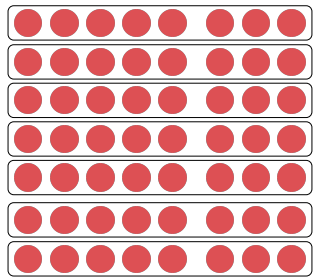
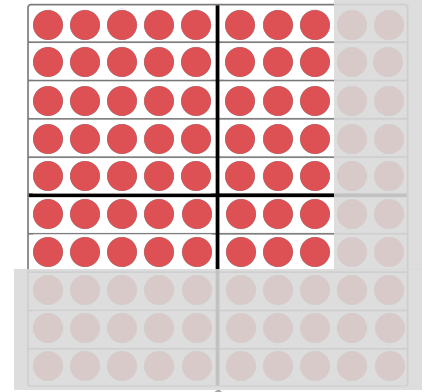


$$8+8+8+8+8+8$$

48

$$7 \cdot 8$$

7 Achter

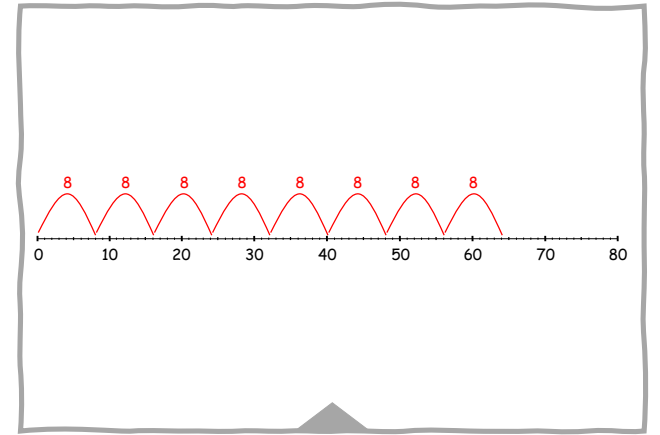
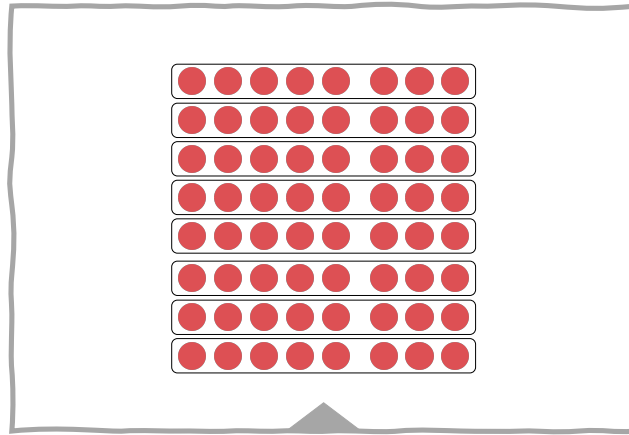
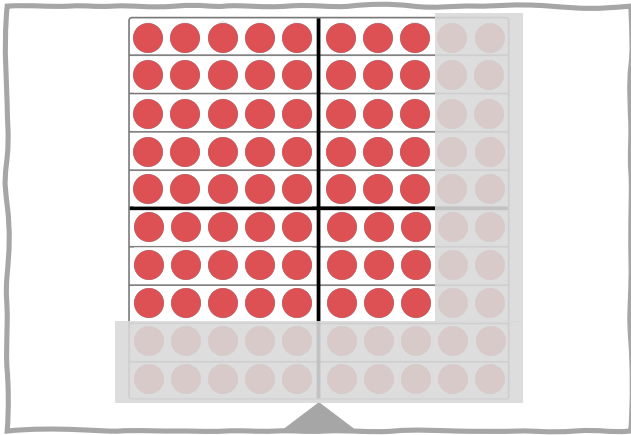


$$8+8+8+8+8+8+8$$

56

$$8 \cdot 8$$

8 Achter



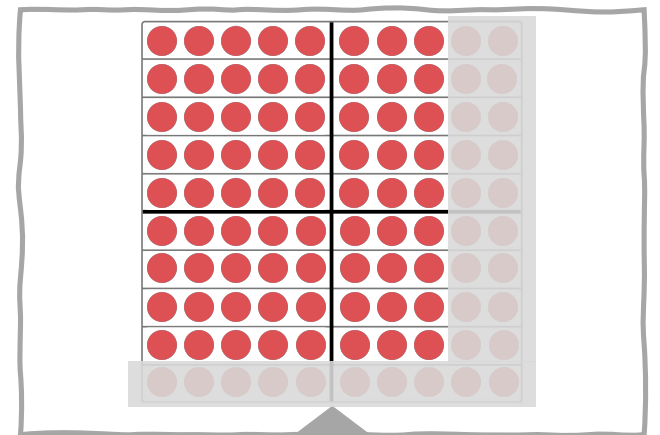
$$8+8+8+8+8$$
$$+8+8+8$$

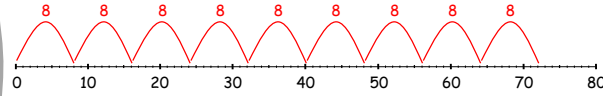
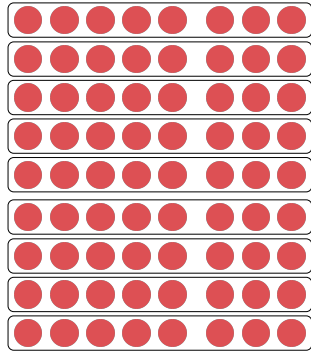


64

$$9 \cdot 8$$

9 Achter



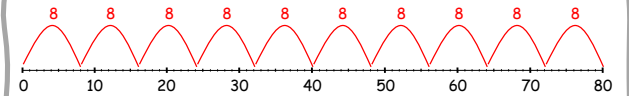
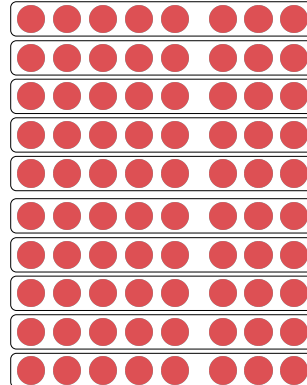
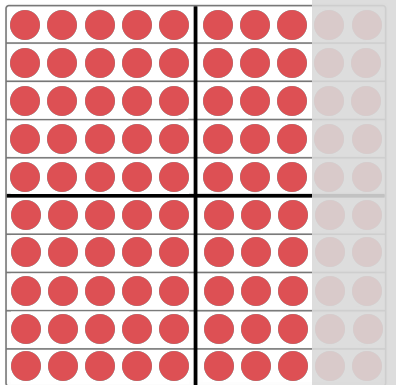


$$8+8+8+8+8$$
$$+8+8+8+8$$

72

$$10 \cdot 8$$

10 Achter



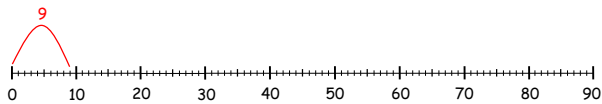
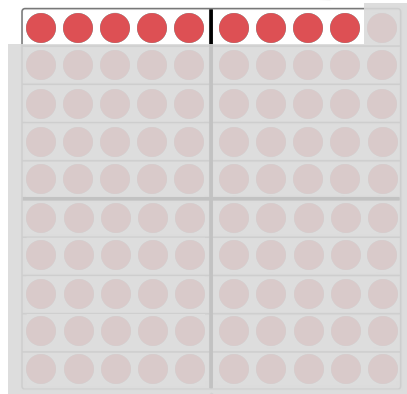


$$8+8+8+8+8$$
$$+8+8+8+8+8$$

80

1·9

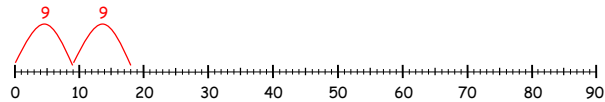
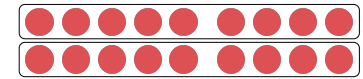
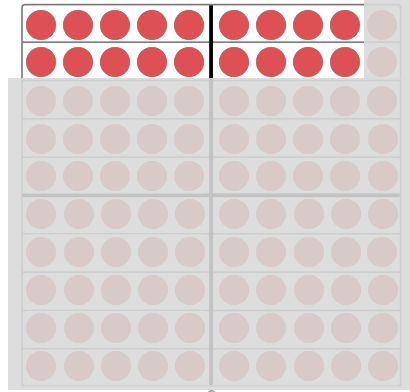
1 Neuner



2·9

9

2 Neuner

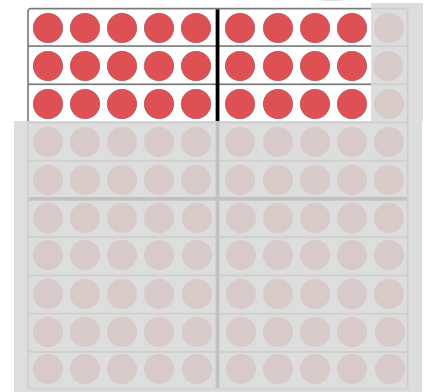


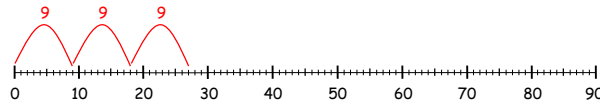
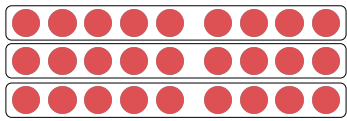
$$9+9$$

18

3·9

3 Neuner



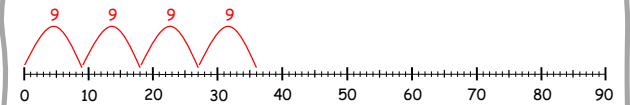
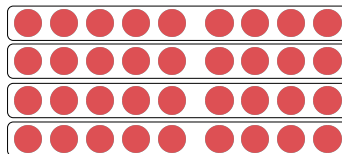
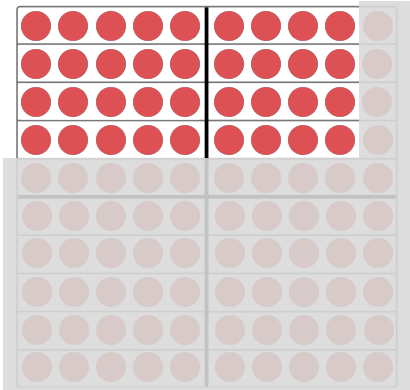


$$9+9+9$$

27

$$4 \cdot 9$$

4 Neuner

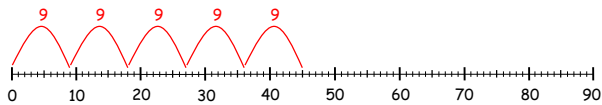
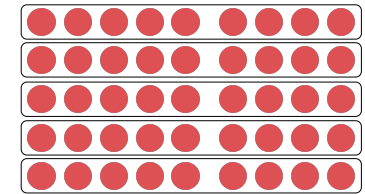
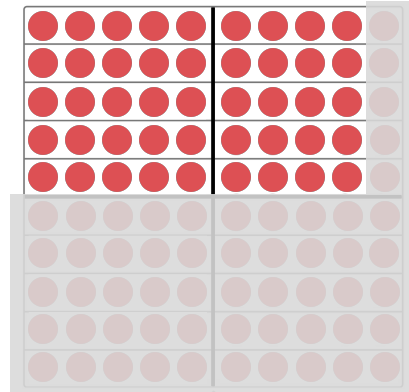


$$9+9+9+9$$

36

$$5 \cdot 9$$

5 Neuner

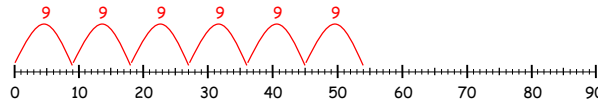
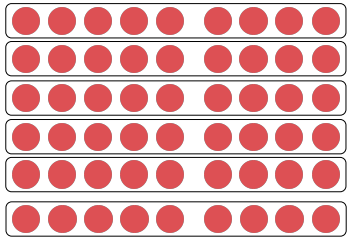
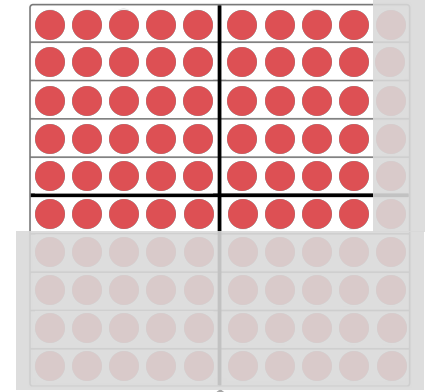


$$9+9+9+9+9$$

45

6 · 9

6 Neuner



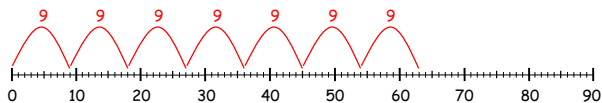
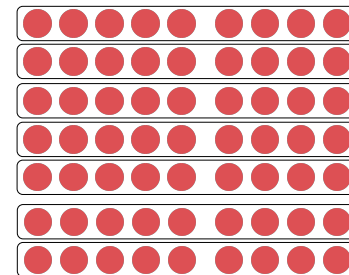
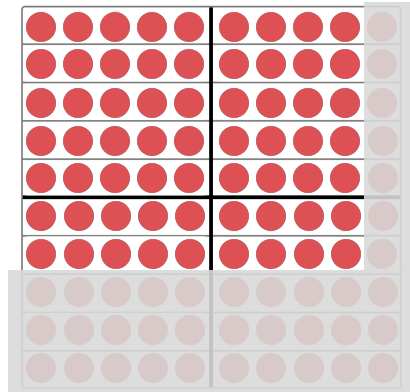
$$9+9+9+9+9+9$$



54

7 · 9

7 Neuner

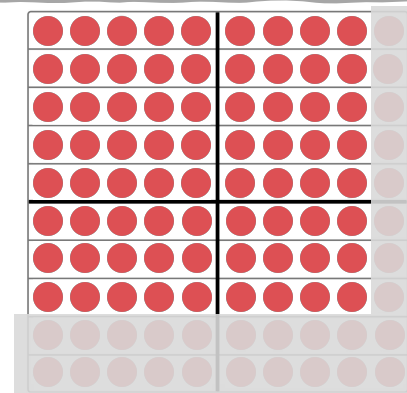


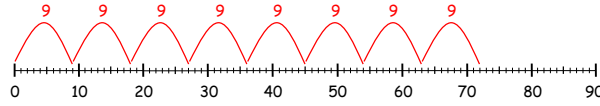
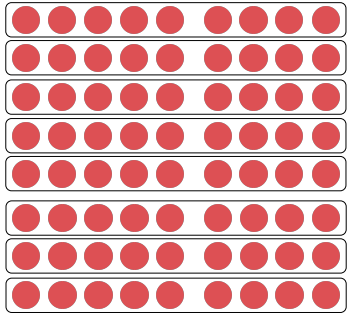
$$9+9+9+9+9+9+9+9$$

63

8 · 9

8 Neuner



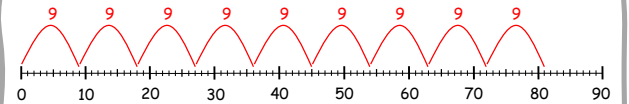
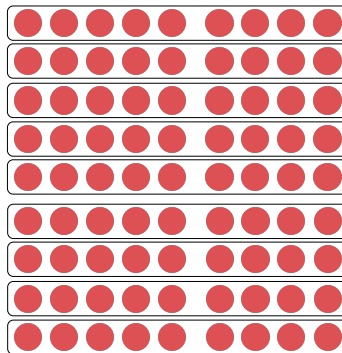
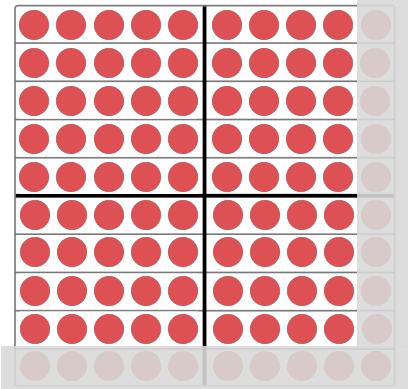


$$9+9+9+9+9$$
$$+9+9+9$$

72

9·9

9 Neuner

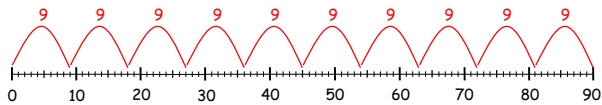
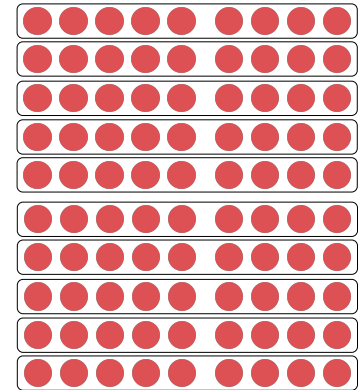
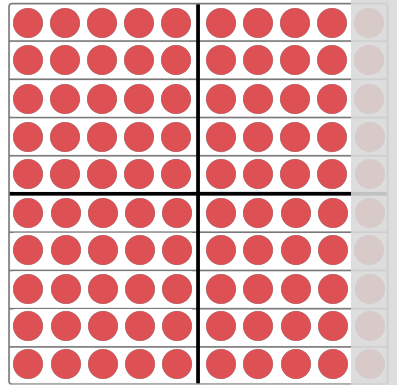


$$9+9+9+9+9$$
$$+9+9+9+9$$

81

$$10 \cdot 9$$

10 Neuner



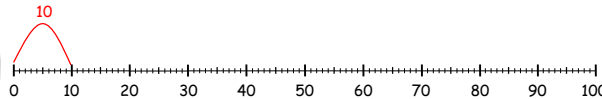
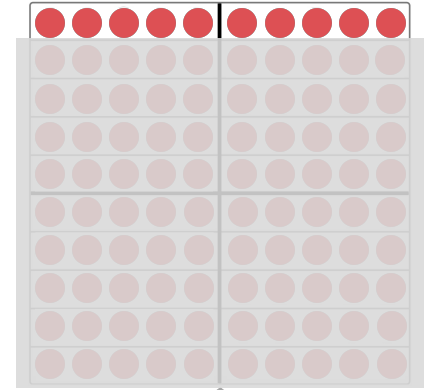
$$9+9+9+9+9$$
$$+9+9+9+9+9$$

90



$$1 \cdot 10$$

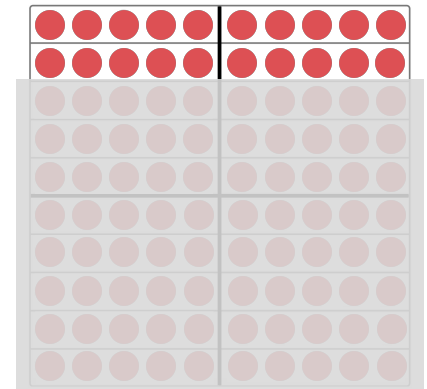
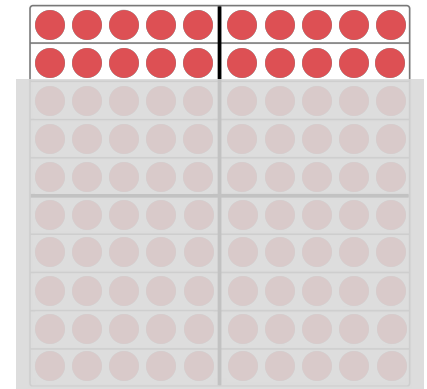
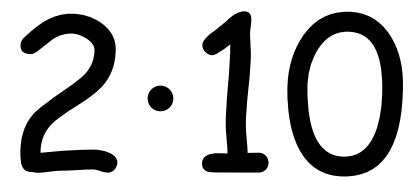
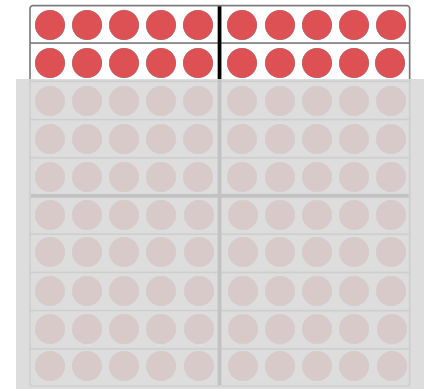
1 Zehner

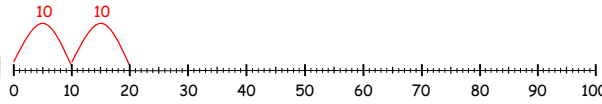
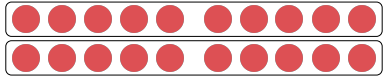


10

$$2 \cdot 10$$

2 Zehner



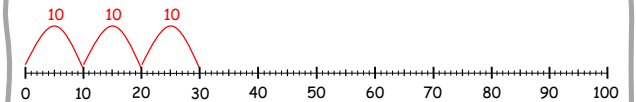
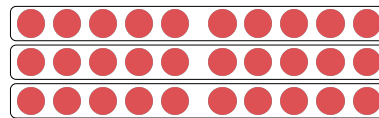
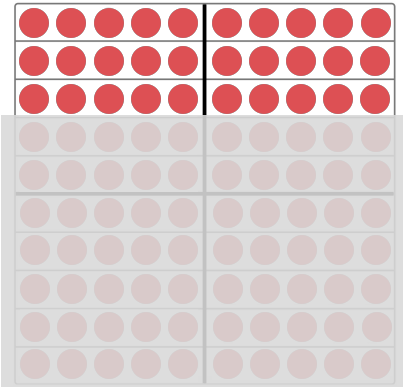


$$10+10$$

20

$$3 \cdot 10$$

3 Zehner

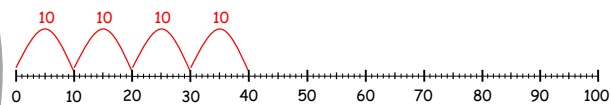
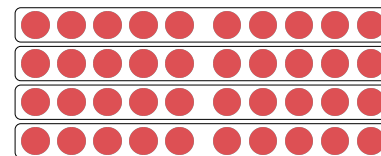
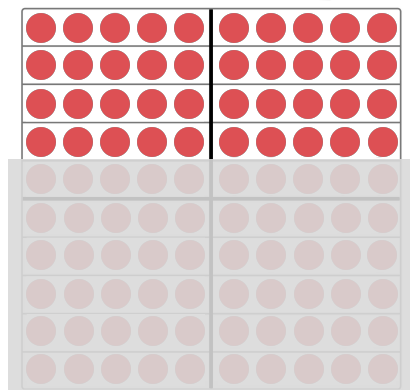


$$10+10+10$$

30

$$4 \cdot 10$$

4 Zehner

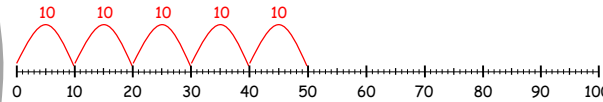
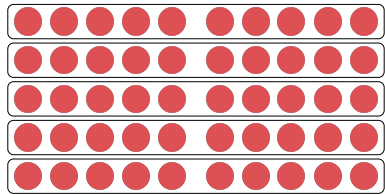
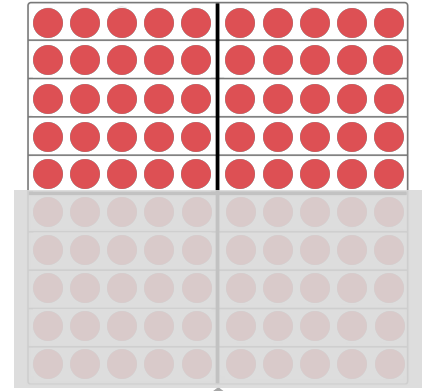


$$10+10+10+10$$

40

$$5 \cdot 10$$

5 Zehner

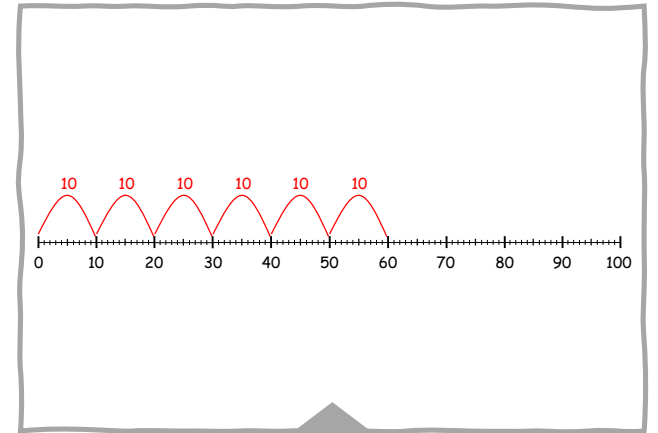
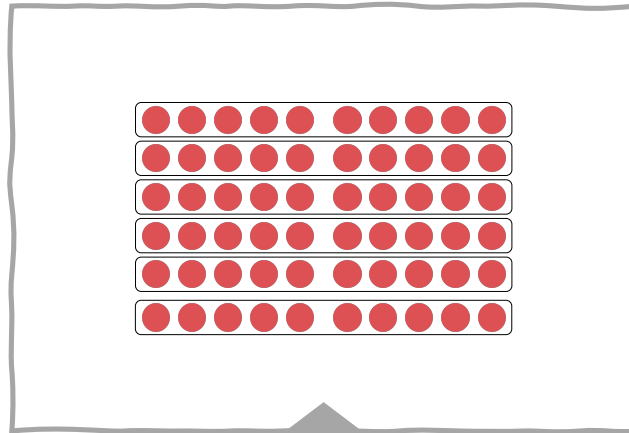
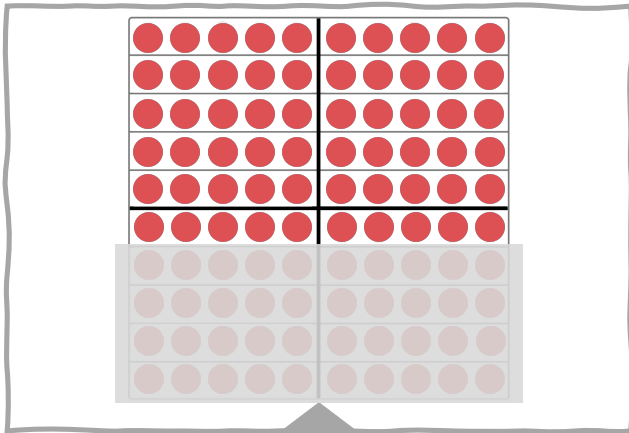


$$10+10+10+10+10$$

50

$$6 \cdot 10$$

6 Zehner

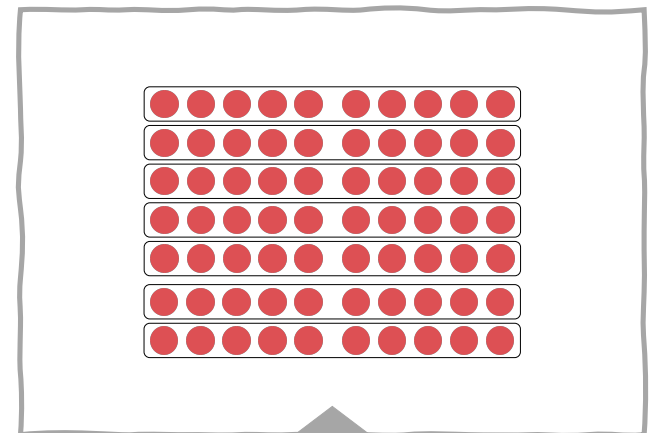
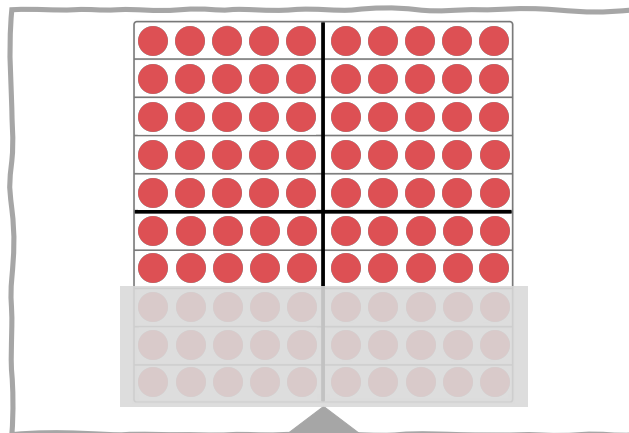


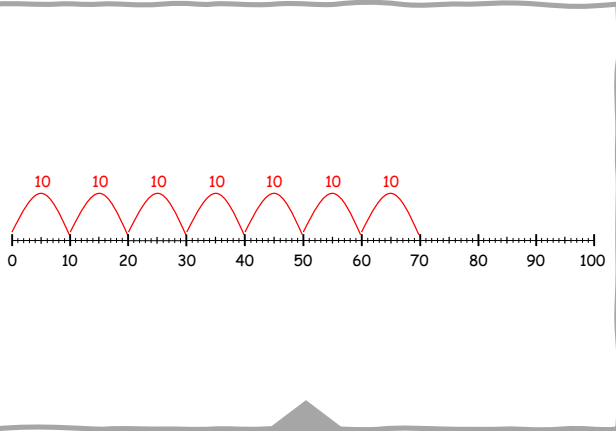
$$10+10+10+10+10+10+10$$

60

$$7 \cdot 10$$

7 Zehner



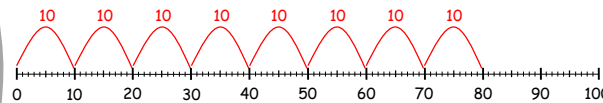
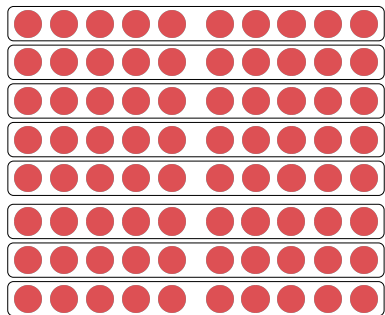
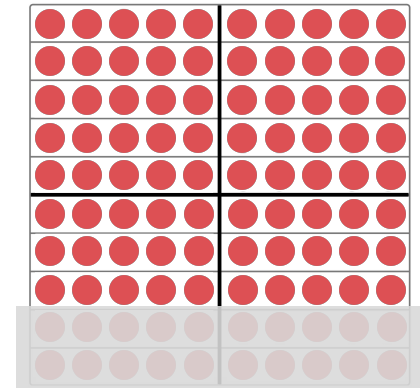


$$10+10+10+10+10$$
$$+10+10$$

70

$$8 \cdot 10$$

8 Zehner

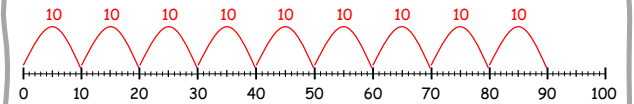
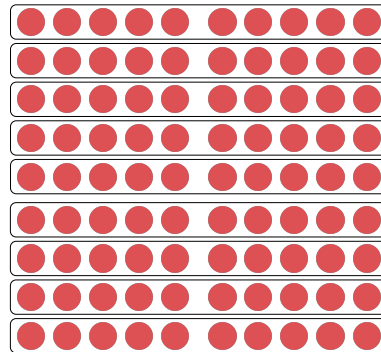
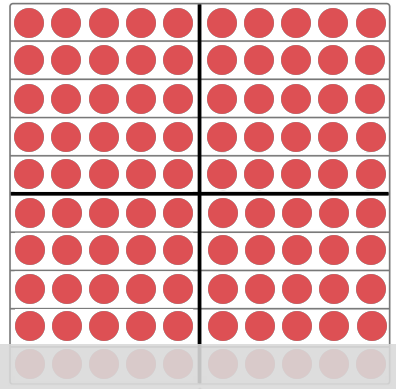


$$10+10+10+10+10$$
$$+10+10+10$$

80

$9 \cdot 10$

9 Zehner

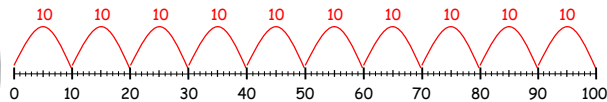
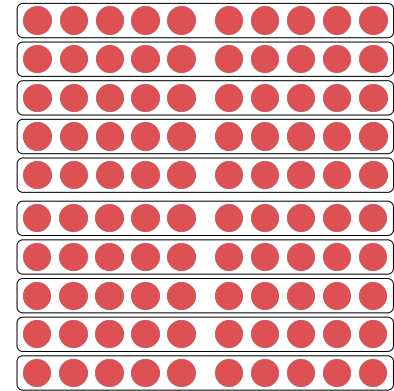
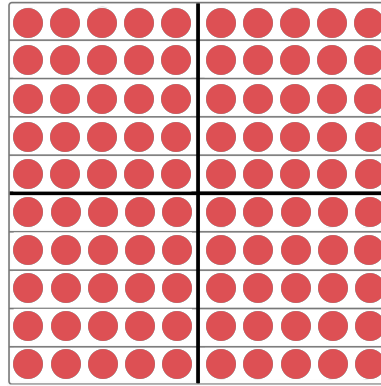


$10+10+10+10+10$   
 $+10+10+10+10$

90

$10 \cdot 10$

10 Zehner



$$10+10+10+10+10$$
$$+10+10+10+10+10$$

100