

Zahlen verdoppeln

1



Das Doppelte von 3 ist 6.



$$3 + 3 = 6$$

2

$$6 + 6 = 12$$

$$\square + \square = \square \square$$

$$\square + \square = \square \square$$

$$\square + \square = \square \square$$

$$\square \square + \square \square = \square \square$$

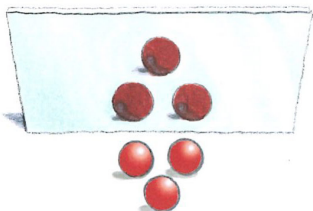
$$\square + \square = \square \square$$

3

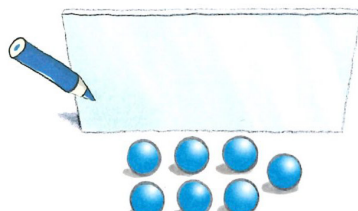
die Zahl	1	2	3	4	5	6	7	8	9	10
das Doppelte	2									

Verdoppeln, Wiederholung

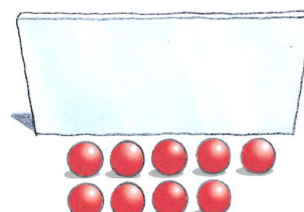
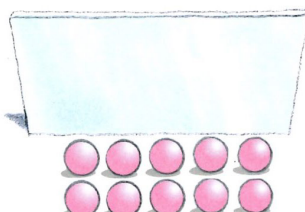
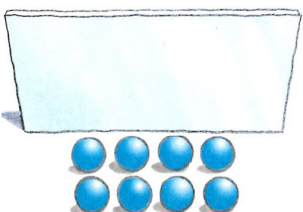
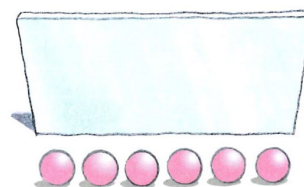
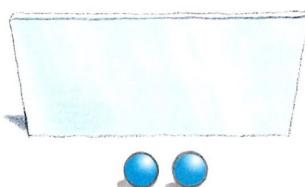
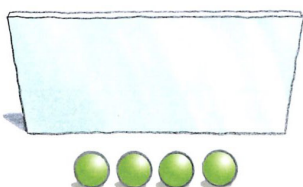
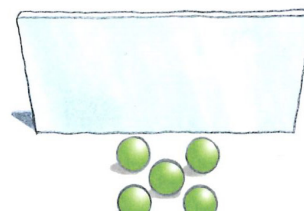
1 Verdoppele mit dem Spiegel. Zeichne. Rechne.



$$3 + 3 =$$



$$7 +$$



verdoppele	
5	10
6	
4	
3	
2	

verdoppele	
7	
1	
10	
8	
9	

verdoppele	
6	12
	8
	10
	6
	20

verdoppele	
	2
	18
	16
	4
	14



4

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

$$6 + \underline{\quad} = 10$$

$$9 + \underline{\quad} = 10$$

$$8 + \underline{\quad} = 10$$

$$4 + \underline{\quad} = 10$$

$$13 + \underline{\quad} = 20$$

$$16 + \underline{\quad} = 20$$

$$19 + \underline{\quad} = 20$$

$$18 + \underline{\quad} = 20$$

$$14 + \underline{\quad} = 20$$

$$2 + \underline{\quad} = 10$$

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

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

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

$$6 + \underline{\quad} = 8$$

$$12 + \underline{\quad} = 19$$

$$13 + \underline{\quad} = 17$$

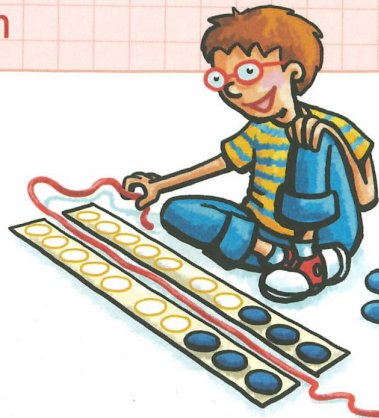
$$14 + \underline{\quad} = 18$$

$$15 + \underline{\quad} = 17$$

$$16 + \underline{\quad} = 19$$



Zahlen halbieren



Die Hälfte von 6 ist 3.

1

Two rows of 8 beads each (4 blue, 4 white). Below them are the equations:

$$8 = 4 + 4$$

$$8 - 4 = 4$$

Two rows of 6 beads each (4 blue, 2 white). Below them are empty boxes for equations:

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} = \square + \square$$

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} - \square = \square$$

Two rows of 10 beads each (8 blue, 2 white). Below them are empty boxes for equations:

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} = \square + \square$$

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} - \square = \square$$

Two rows of 10 beads each (6 blue, 4 white). Below them are empty boxes for equations:

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} = \square + \square$$

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} - \square = \square$$

Two rows of 12 beads each (10 blue, 2 white). Below them are empty boxes for equations:

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} = \square + \square$$

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} - \square = \square$$

Two rows of 12 beads each (2 blue, 10 white). Below them are empty boxes for equations:

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} = \square + \square$$

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} - \square = \square$$

3

die Zahl	2	4	6	8	10	12	14	16	18	20
die Hälfte	1									

Halbieren, Wiederholung

1 Halbiere. Male jeweils die Hälfte blau an.



$$4 = \underline{2} + \underline{\quad}$$



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



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



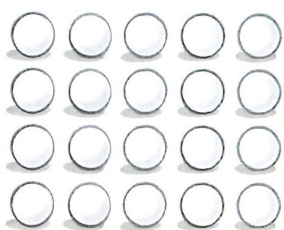
$$10 = \underline{\quad} + \underline{\quad}$$



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



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



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



$$18 = \underline{\quad} + \underline{\quad}$$



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

2

halbiere	
20	10
10	
4	
14	
2	

halbiere	
12	
8	
18	
16	
6	

3

halbiere	
4	2
	8
	6
	10
	7

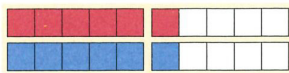
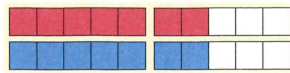


halbiere	
	1
	4
	3
	9
	5

- 4
- | | | | |
|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| $4 + \underline{\quad} = 10$ | $11 + \underline{\quad} = 20$ | $3 + \underline{\quad} = 9$ | $6 + \underline{\quad} = 10$ |
| $6 + \underline{\quad} = 9$ | $10 + \underline{\quad} = 20$ | $5 + \underline{\quad} = 8$ | $7 + \underline{\quad} = 10$ |
| $8 + \underline{\quad} = 8$ | $14 + \underline{\quad} = 20$ | $15 + \underline{\quad} = 18$ | $1 + \underline{\quad} = 10$ |
| $10 + \underline{\quad} = 18$ | $12 + \underline{\quad} = 20$ | $13 + \underline{\quad} = 19$ | $3 + \underline{\quad} = 10$ |
| $12 + \underline{\quad} = 16$ | $13 + \underline{\quad} = 20$ | $11 + \underline{\quad} = 16$ | $2 + \underline{\quad} = 10$ |







Addieren mit Zehnerübergang – Verdoppeln

1 Erst verdoppeln, dann die Nachbaraufgabe.

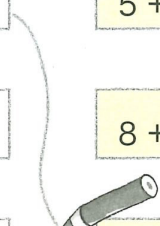
	$6 + 6 = \underline{\quad}$		$\underline{\quad} + \underline{\quad} = \underline{\quad}$
	$6 + 7 = \underline{\quad}$		$\underline{\quad} + \underline{\quad} = \underline{\quad}$

2

	$\underline{\quad} + \underline{\quad} = \underline{\quad}$		$\underline{\quad} + \underline{\quad} = \underline{\quad}$
	$\underline{\quad} + \underline{\quad} = \underline{\quad}$		$\underline{\quad} + \underline{\quad} = \underline{\quad}$

3 Verbinde erst mit der passenden Verdopplungsaufgabe. Rechne dann.

$7 + 6 = \underline{\quad}$	$5 + 5 = \underline{\quad}$	$8 + 7 = \underline{\quad}$	$10 + 10 = \underline{\quad}$
$6 + 5 = \underline{\quad}$	$8 + 8 = \underline{\quad}$	$9 + 10 = \underline{\quad}$	$7 + 7 = \underline{\quad}$
$8 + 9 = \underline{\quad}$	$7 + 7 = \underline{\quad}$	$4 + 5 = \underline{\quad}$	$5 + 5 = \underline{\quad}$



4 Finde zuerst eine passende Verdopplungsaufgabe.

$5 + 5 = \underline{\quad}$	$\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} + \underline{\quad} = \underline{\quad}$
$5 + 6 = \underline{\quad}$	$7 + 8 = \underline{\quad}$	$8 + 9 = \underline{\quad}$	$6 + 7 = \underline{\quad}$
$\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} + \underline{\quad} = \underline{\quad}$	$\underline{\quad} + \underline{\quad} = \underline{\quad}$
$9 + 10 = \underline{\quad}$	$7 + 6 = \underline{\quad}$	$8 + 7 = \underline{\quad}$	$6 + 5 = \underline{\quad}$

5 Rechne zuerst die Verdopplungsaufgabe.

$4 + 5 = \underline{\quad}$	$6 + 7 = \underline{\quad}$	$8 + 9 = \underline{\quad}$	$7 + 6 = \underline{\quad}$	$9 + 8 = \underline{\quad}$
$5 + 5 = \underline{\quad}$	$7 + 7 = \underline{\quad}$	$9 + 9 = \underline{\quad}$	$6 + 6 = \underline{\quad}$	$8 + 8 = \underline{\quad}$
$6 + 5 = \underline{\quad}$	$8 + 7 = \underline{\quad}$	$10 + 9 = \underline{\quad}$	$5 + 6 = \underline{\quad}$	$7 + 8 = \underline{\quad}$