

Mein Anoki-Übungsheft:

mit Erklärfilmen
zum Selbstlernen



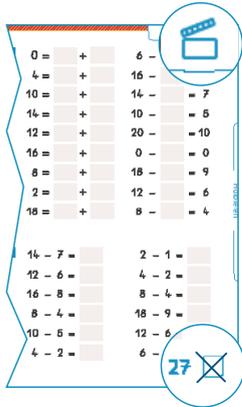
Mathematik kompakt 1

Richtig rechnen - Sachrechnen - Geometrie

Lösungen



So lernst du mit dem Anoki-Übungsheft



Erklärfilme:

Zu einigen Seiten gibt es einen Erklärfilm, der dir neue Inhalte erklärt.

Wie kannst du dir die Erklärfilme anschauen? Die Filme sind alle auf www.klett.de.

Es gibt 2 Möglichkeiten:

- 1) Du scannst den QR-Code, der dich direkt zu den Erklärfilmen führt.
- 2) Du gibst in das Suchfenster von www.klett.de folgenden Code ein: **5q3kd2**.
Mit diesem Code kommst du auch direkt zu den Erklärfilmen.



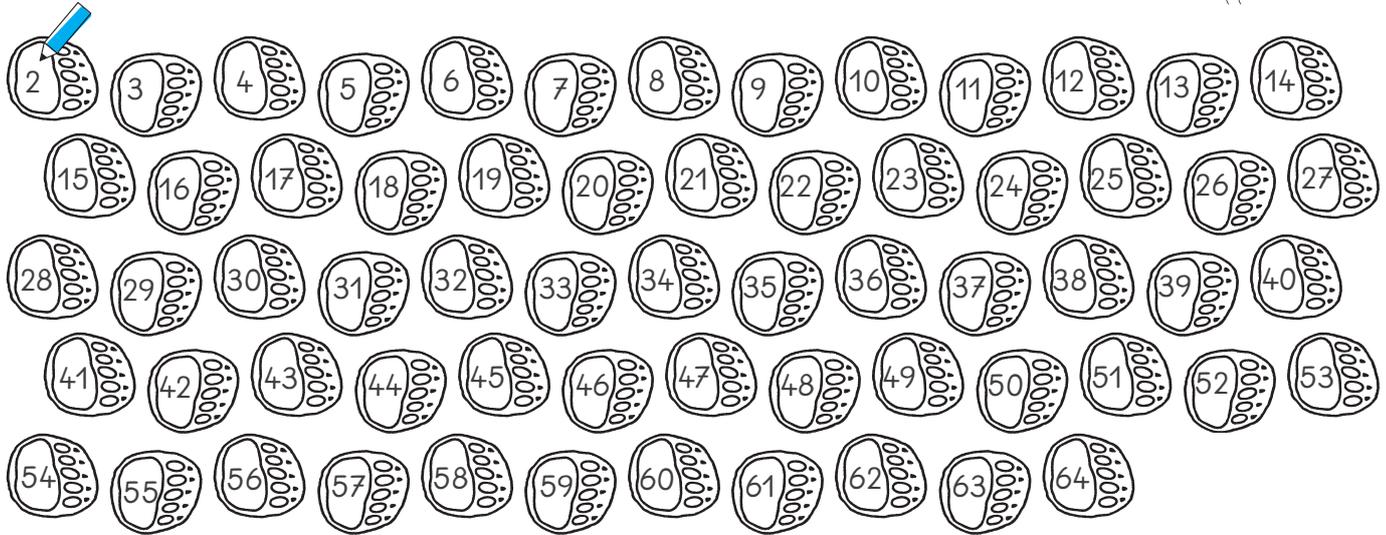
Bearbeitungshilfe:

Deine Lehrerin/dein Lehrer kreuzt an,
was du bearbeiten sollst.



Für Lösungen den QR-Code scannen oder
a3v9gs auf www.klett.de eingeben

Hallo! Ich bin Anoki.
Für jede Seite, die du fertig bearbeitet hast,
malst du eine Bärenkatze aus.



1

	$1 + 6 = 7$
	$7 + 2 = 9$
	$3 + 3 = 6$
	$9 + 1 = 10$
	$4 + 3 = 7$
	$2 + 6 = 8$
	$2 + 4 = 6$
	$5 + 1 = 6$
	$2 + 3 = 5$
	$3 + 0 = 3$
	$8 + 2 = 10$
	$4 + 6 = 10$
	$5 + 3 = 8$

2

	$4 + 2 = 6$
	$2 + 3 = 5$
	$2 + 8 = 10$
	$3 + 1 = 4$
	$4 + 4 = 8$
	$5 + 2 = 7$
	$3 + 2 = 5$
	$6 + 1 = 7$
	$4 + 6 = 10$
	$3 + 2 = 5$
	$5 + 3 = 8$
	$0 + 2 = 2$
	$1 + 9 = 10$

1

$$5 + 3 = 8$$

$$6 + 1 = 7$$

$$3 + 2 = 5$$

$$4 + 5 = 9$$

$$2 + 8 = 10$$

$$1 + 3 = 4$$

$$8 + 1 = 9$$

$$7 + 2 = 9$$

$$5 + 5 = 10$$

2

$$2 + 1 = 3$$

$$8 + 2 = 10$$

$$7 + 0 = 7$$

$$5 + 1 = 6$$

$$6 + 3 = 9$$

$$3 + 3 = 6$$

$$4 + 1 = 5$$

$$4 + 6 = 10$$

$$3 + 7 = 10$$

3

$$7 + 3 = 10$$

$$5 + 1 = 6$$

$$6 + 2 = 8$$

$$0 + 7 = 7$$

$$4 + 1 = 5$$

$$2 + 5 = 7$$

$$1 + 2 = 3$$

$$3 + 1 = 4$$

$$8 + 1 = 9$$

4

$$2 + 5 = 7$$

$$5 + 3 = 8$$

$$2 + 1 = 3$$

$$2 + 2 = 4$$

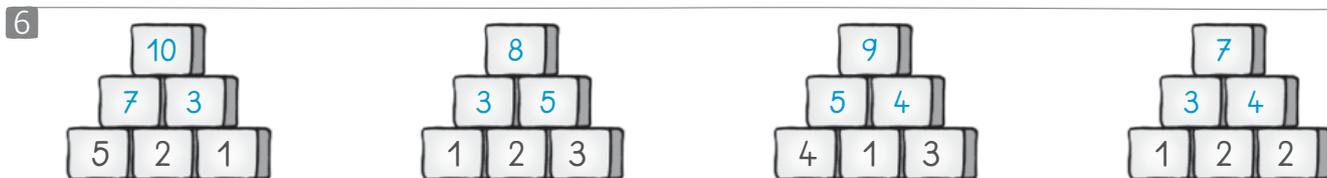
$$9 + 1 = 10$$

$$9 + 0 = 9$$

$$2 + 4 = 6$$

$$3 + 7 = 10$$

$$3 + 6 = 9$$



Plusaufgaben bis 10

1



$3 + 2 = 5$



$2 + 3 = 5$



$8 + 1 = 9$



$1 + 8 = 9$



$4 + 2 = 6$



$2 + 4 = 6$



$6 + 1 = 7$



$1 + 6 = 7$



$5 + 3 = 8$



$3 + 5 = 8$



$3 + 7 = 10$



$7 + 3 = 10$

2



$5 + 4 = 9$



$4 + 5 = 9$



$4 + 3 = 7$



$3 + 4 = 7$



$7 + 2 = 9$



$2 + 7 = 9$



$9 + 1 = 10$



$1 + 9 = 10$



$5 + 2 = 7$



$2 + 5 = 7$



$6 + 3 = 9$



$3 + 6 = 9$

1

$4 + 2 = 6$

$4 + 6 = 10$

$8 + 1 = 9$

$2 + 6 = 8$

$2 + 4 = 6$

$6 + 4 = 10$

$1 + 8 = 9$

$6 + 2 = 8$

$4 + 5 = 9$

$6 + 3 = 9$

$4 + 3 = 7$

$5 + 1 = 6$

$5 + 4 = 9$

$3 + 6 = 9$

$3 + 4 = 7$

$1 + 5 = 6$

2

$5 + 2 = 7$

$8 + 2 = 10$

$6 + 1 = 7$

$9 + 1 = 10$

$2 + 5 = 7$

$2 + 8 = 10$

$1 + 6 = 7$

$1 + 9 = 10$

$5 + 3 = 8$

$6 + 0 = 6$

$7 + 3 = 10$

$2 + 7 = 9$

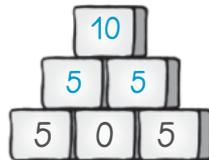
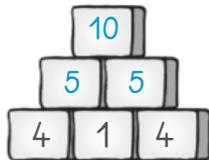
$3 + 5 = 8$

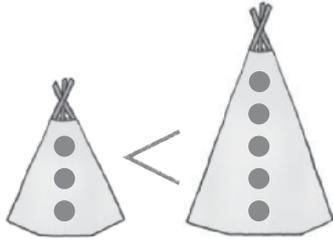
$0 + 6 = 6$

$3 + 7 = 10$

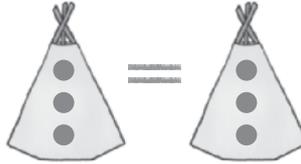
$7 + 2 = 9$

3

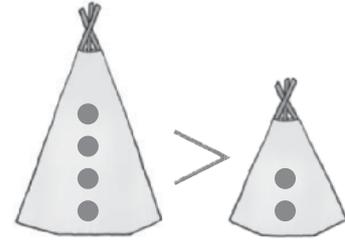




$$3 < 5$$



$$3 = 3$$



$$4 > 2$$

Größer, kleiner, gleich

1

$8 > 2$

$1 < 7$

$6 > 4$

$5 > 2$

$6 = 6$

$9 > 3$

$7 > 3$

$4 < 8$

2

$3 < 5$

$7 > 6$

$4 > 1$

$10 > 9$

$2 < 4$

$0 < 5$

$6 > 2$

$5 = 5$

3

$3 > 2$

$5 < 6$

$9 < 10$

$6 > 5$

$6 < 7$

$4 > 0$

$7 > 3$

$8 < 9$

4

$1 < 10$

$4 = 4$

$3 < 8$

$2 < 4$

$8 < 9$

$5 > 3$

$10 > 0$

$0 < 8$

5

$7 < 8$

$6 > 3$

$5 = 5$

$10 > 3$

$0 = 0$

$9 > 8$

$4 = 4$

$3 < 6$

1

$$3 + 4 < 8$$

$$2 + 8 = 10$$

$$0 + 3 < 5$$

$$7 + 1 > 7$$

$$5 + 2 > 6$$

$$6 + 3 > 8$$

$$2 + 4 < 7$$

$$8 + 0 > 6$$

$$3 + 2 = 5$$

$$4 + 4 > 2$$

$$3 + 5 < 9$$

$$2 + 1 < 4$$

$$9 + 1 > 8$$

2

$$1 + 5 < 7$$

$$2 + 4 > 5$$

$$9 + 1 > 9$$

$$3 + 0 = 3$$

$$5 + 3 > 6$$

$$4 + 5 > 2$$

$$10 + 0 > 1$$

$$6 + 2 > 5$$

$$8 + 1 < 10$$

$$7 + 2 > 8$$

$$3 + 6 > 3$$

$$4 + 3 = 7$$

$$2 + 5 < 8$$

3

$$4 = 2 + 2$$

$$7 > 3 + 1$$

$$3 < 4 + 2$$

$$10 = 0 + 10$$

$$4 = 1 + 3$$

$$0 < 4 + 4$$

$$1 < 7 + 2$$

$$3 < 2 + 3$$

$$4 > 1 + 2$$

$$5 < 5 + 5$$

$$6 < 7 + 1$$

$$8 < 4 + 5$$



$$3 + 4 = 7$$

$$7 < 8$$



Größer, kleiner, gleich

1

	$3 - 1 = 2$
	$5 - 3 = 2$
	$9 - 4 = 5$
	$8 - 2 = 6$
	$4 - 3 = 1$
	$7 - 2 = 5$
	$6 - 1 = 5$
	$5 - 4 = 1$
	$8 - 7 = 1$
	$7 - 4 = 3$
	$10 - 3 = 7$
	$6 - 3 = 3$
	$8 - 5 = 3$

2

	$9 - 4 = 5$
	$7 - 1 = 6$
	$5 - 2 = 3$
	$4 - 4 = 0$
	$9 - 5 = 4$
	$9 - 2 = 7$
	$8 - 3 = 5$
	$6 - 2 = 4$
	$7 - 6 = 1$
	$8 - 4 = 4$
	$10 - 5 = 5$
	$6 - 2 = 4$
	$7 - 5 = 2$

1

$$9 - 8 = 1$$

$$6 - 0 = 6$$

$$5 - 2 = 3$$

$$4 - 3 = 1$$

$$8 - 6 = 2$$

$$7 - 7 = 0$$

$$3 - 1 = 2$$

$$9 - 6 = 3$$

$$6 - 5 = 1$$

$$7 - 3 = 4$$

2

$$8 - 4 = 4$$

$$10 - 1 = 9$$

$$7 - 6 = 1$$

$$6 - 4 = 2$$

$$3 - 2 = 1$$

$$9 - 2 = 7$$

$$10 - 7 = 3$$

$$8 - 2 = 6$$

$$9 - 5 = 4$$

$$8 - 3 = 5$$

3

$$7 - 5 = 2$$

$$6 - 2 = 4$$

$$10 - 5 = 5$$

$$3 - 0 = 3$$

$$4 - 1 = 3$$

$$8 - 8 = 0$$

$$5 - 0 = 5$$

$$9 - 1 = 8$$

$$5 - 3 = 2$$

$$9 - 4 = 5$$

4

$$9 - 5 = 4$$

$$10 - 2 = 8$$

$$8 - 2 = 6$$

$$5 - 1 = 4$$

$$3 - 2 = 1$$

$$8 - 0 = 8$$

$$7 - 2 = 5$$

$$6 - 6 = 0$$

$$8 - 7 = 1$$

$$10 - 4 = 6$$

5

1



$2 + 5 = 7$



$1 + 4 = 5$



$7 - 5 = 2$



$5 - 4 = 1$



$1 + 8 = 9$



$2 + 6 = 8$



$9 - 8 = 1$



$8 - 6 = 2$



$3 + 7 = 10$



$3 + 5 = 8$



$10 - 7 = 3$



$8 - 5 = 3$

2

$3 + 6 = 9$

$1 + 9 = 10$

$3 + 4 = 7$

$1 + 5 = 6$

$9 - 6 = 3$

$10 - 9 = 1$

$7 - 4 = 3$

$6 - 5 = 1$

$4 + 5 = 9$

$0 + 5 = 5$

$2 + 8 = 10$

$1 + 7 = 8$

$9 - 5 = 4$

$5 - 5 = 0$

$10 - 8 = 2$

$8 - 7 = 1$

$0 + 10 = 10$

$1 + 2 = 3$

$5 + 1 = 6$

$8 + 0 = 8$

$10 - 10 = 0$

$3 - 2 = 1$

$6 - 1 = 5$

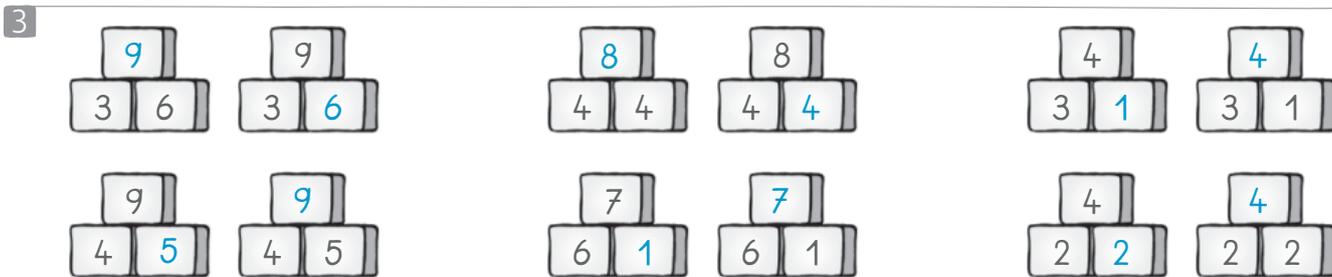
$8 - 0 = 8$

1

$5 - 3 = 2$	$4 - 1 = 3$	$7 - 2 = 5$	$8 - 1 = 7$
$3 + 2 = 5$	$1 + 3 = 4$	$2 + 5 = 7$	$1 + 7 = 8$
$6 - 2 = 4$	$7 - 3 = 4$	$5 - 2 = 3$	$9 - 8 = 1$
$2 + 4 = 6$	$3 + 4 = 7$	$2 + 3 = 5$	$8 + 1 = 9$

2

$9 - 1 = 8$	$8 - 5 = 3$	$6 - 4 = 2$	$7 - 6 = 1$
$1 + 8 = 9$	$5 + 3 = 8$	$4 + 2 = 6$	$6 + 1 = 7$
$7 - 5 = 2$	$6 - 3 = 3$	$8 - 3 = 5$	$9 - 5 = 4$
$5 + 2 = 7$	$3 + 3 = 6$	$3 + 5 = 8$	$5 + 4 = 9$



Umkehraufgaben bis 10

1

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

2

2	3	4
---	---	---

3	4	5
---	---	---

7	8	9
---	---	---

7	8	9
---	---	---

12	13	14
----	----	----

13	14	15
----	----	----

17	18	19
----	----	----

17	18	19
----	----	----

5	6	7
---	---	---

7	8	9
---	---	---

0	1	2
---	---	---

2	3	4
---	---	---

15	16	17
----	----	----

17	18	19
----	----	----

10	11	12
----	----	----

12	13	14
----	----	----

3

16	17	18
----	----	----

7	8	9
---	---	---

9	10	11	12
---	----	----	----

7	8	9	10	11
---	---	---	----	----

18	19	20
----	----	----

16	17	18
----	----	----

7	8	9	10
---	---	---	----

2	3	4	5	6
---	---	---	---	---

13	14	15
----	----	----

4	5	6
---	---	---

13	14	15	16
----	----	----	----

15	16	17	18	19
----	----	----	----	----

6	7	8
---	---	---

11	12	13
----	----	----

15	16	17	18
----	----	----	----

16	17	18	19	20
----	----	----	----	----

1

V	Z	N
2	3	4
14	15	16
6	7	8
9	10	11
1	2	3

V	Z	N
11	12	13
4	5	6
18	19	20
8	9	10
6	7	8

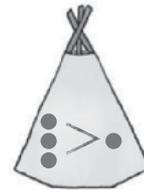
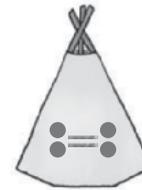
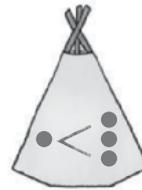
V	Z	N
10	11	12
16	17	18
3	4	5
7	8	9
17	18	19

2

V	Z	N
3	4	5
9	10	11
15	16	17
13	14	15
10	11	12

V	Z	N
6	7	8
18	19	20
10	11	12
8	9	10
16	17	18

V	Z	N
0	1	2
15	16	17
17	18	19
5	6	7
9	10	11



3

$3 > 1$

$13 > 11$

$4 < 7$

$14 < 17$

$5 = 5$

$15 = 15$

$9 > 6$

$19 > 16$

$7 > 3$

$17 > 13$

4

$7 < 9$

$9 > 7$

$8 > 2$

$2 < 8$

$16 < 18$

$18 > 16$

$12 < 20$

$20 > 12$

$9 < 14$

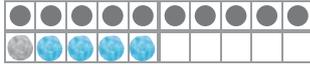
$14 > 9$

Vorgänger und Nachfolger

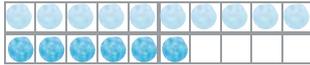
1



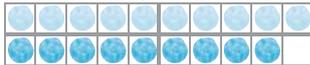
$10 + 2 = 12$



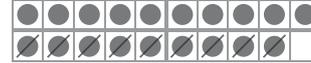
$10 + 5 = 15$



$10 + 6 = 16$



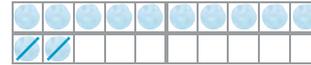
$10 + 9 = 19$



$19 - 9 = 10$



$17 - 7 = 10$



$12 - 2 = 10$



$13 - 3 = 10$

2

$10 + 0 = 10$

$10 + 1 = 11$

$10 + 8 = 18$

$10 + 5 = 15$

$10 + 3 = 13$

$10 + 2 = 12$

$10 + 7 = 17$

$10 + 4 = 14$

$10 + 4 = 14$

$10 + 10 = 20$

$10 + 9 = 19$

$10 + 6 = 16$

$10 + 2 = 12$

$10 + 3 = 13$

$10 + 6 = 16$

$10 + 7 = 17$

3

$15 - 5 = 10$

$20 - 10 = 10$

$16 - 6 = 10$

$16 - 6 = 10$

$11 - 1 = 10$

$13 - 3 = 10$

$10 - 0 = 10$

$15 - 5 = 10$

$18 - 8 = 10$

$17 - 7 = 10$

$14 - 4 = 10$

$19 - 9 = 10$

$19 - 9 = 10$

$12 - 2 = 10$

$13 - 3 = 10$

$18 - 8 = 10$

1

$$2 + 8 = 10$$

$$5 + 5 = 10$$

$$6 + 4 = 10$$

$$0 + 10 = 10$$

$$9 + 1 = 10$$

$$4 + 6 = 10$$

$$3 + 7 = 10$$

$$10 + 0 = 10$$

$$1 + 9 = 10$$

$$8 + 2 = 10$$

$$7 + 3 = 10$$

$$5 + 5 = 10$$

$$9 + 1 = 10$$

2

$$8 + 2 = 10$$

$$2 + 8 = 10$$

$$1 + 9 = 10$$

$$5 + 5 = 10$$

$$7 + 3 = 10$$

$$9 + 1 = 10$$

$$0 + 10 = 10$$

$$3 + 7 = 10$$

$$8 + 2 = 10$$

$$4 + 6 = 10$$

$$10 + 0 = 10$$

$$2 + 8 = 10$$

$$7 + 3 = 10$$

3

$$10 - 4 = 6$$

$$10 - 6 = 4$$

$$10 - 10 = 0$$

$$10 - 8 = 2$$

$$10 - 2 = 8$$

$$10 - 3 = 7$$

$$10 - 7 = 3$$

$$10 - 1 = 9$$

$$10 - 4 = 6$$

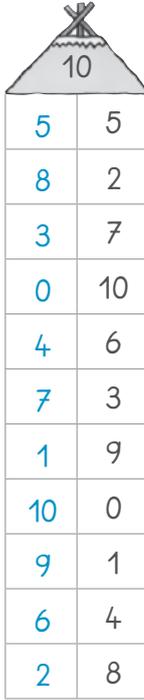
$$10 - 9 = 1$$

$$10 - 0 = 10$$

$$10 - 6 = 4$$

$$10 - 3 = 7$$

4



10	
5	5
8	2
3	7
0	10
4	6
7	3
1	9
10	0
9	1
6	4
2	8

Aufgaben mit 10

5



10	12	14	16	18	20
10	10	10	10	10	10
0	2	4	6	8	10

1



$3 + 5 = 8$



$1 + 9 = 10$



$13 + 5 = 18$



$11 + 9 = 20$



$5 + 2 = 7$



$7 + 2 = 9$



$15 + 2 = 17$



$17 + 2 = 19$

2

$7 + 3 = 10$

$2 + 7 = 9$

$4 + 3 = 7$

$4 + 4 = 8$

$17 + 3 = 20$

$12 + 7 = 19$

$14 + 3 = 17$

$14 + 4 = 18$

$1 + 2 = 3$

$5 + 1 = 6$

$3 + 2 = 5$

$1 + 7 = 8$

$11 + 2 = 13$

$15 + 1 = 16$

$13 + 2 = 15$

$11 + 7 = 18$

3

$5 + 3 = 8$

$3 + 3 = 6$

$6 + 3 = 9$

$5 + 4 = 9$

$15 + 3 = 18$

$13 + 3 = 16$

$16 + 3 = 19$

$15 + 4 = 19$

$8 + 1 = 9$

$1 + 3 = 4$

$5 + 2 = 7$

$3 + 5 = 8$

$18 + 1 = 19$

$11 + 3 = 14$

$15 + 2 = 17$

$13 + 5 = 18$

1

$17 + 2 = 19$	$19 + 1 = 20$	$11 + 8 = 19$	$14 + 4 = 18$
$7 + 2 = 9$	$9 + 1 = 10$	$1 + 8 = 9$	$4 + 4 = 8$
$11 + 3 = 14$	$17 + 1 = 18$	$16 + 1 = 17$	$15 + 2 = 17$
$1 + 3 = 4$	$7 + 1 = 8$	$6 + 1 = 7$	$5 + 2 = 7$

2

$13 + 4 = 17$	$14 + 2 = 16$	$13 + 5 = 18$	$17 + 3 = 20$
$3 + 4 = 7$	$4 + 2 = 6$	$3 + 5 = 8$	$7 + 3 = 10$
$15 + 5 = 20$	$12 + 5 = 17$	$17 + 0 = 17$	$12 + 7 = 19$
$5 + 5 = 10$	$2 + 5 = 7$	$7 + 0 = 7$	$2 + 7 = 9$

3

$16 + 3 = 19$	$18 + 2 = 20$	$15 + 3 = 18$	$13 + 6 = 19$
$6 + 3 = 9$	$8 + 2 = 10$	$5 + 3 = 8$	$3 + 6 = 9$
$18 + 1 = 19$	$11 + 5 = 16$	$12 + 6 = 18$	$11 + 6 = 17$
$8 + 1 = 9$	$1 + 5 = 6$	$2 + 6 = 8$	$1 + 6 = 7$

Ähnliche Aufgaben (+)

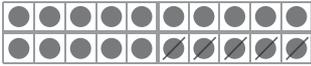
1



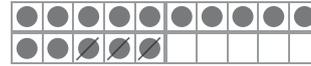
$10 - 5 = 5$



$5 - 3 = 2$



$20 - 5 = 15$



$15 - 3 = 12$



$7 - 6 = 1$



$8 - 2 = 6$



$17 - 6 = 11$



$18 - 2 = 16$

2

$8 - 3 = 5$

$7 - 5 = 2$

$4 - 2 = 2$

$6 - 3 = 3$

$18 - 3 = 15$

$17 - 5 = 12$

$14 - 2 = 12$

$16 - 3 = 13$

$6 - 4 = 2$

$5 - 4 = 1$

$8 - 4 = 4$

$3 - 1 = 2$

$16 - 4 = 12$

$15 - 4 = 11$

$18 - 4 = 14$

$13 - 1 = 12$

3

$5 - 2 = 3$

$6 - 1 = 5$

$7 - 3 = 4$

$8 - 5 = 3$

$15 - 2 = 13$

$16 - 1 = 15$

$17 - 3 = 14$

$18 - 5 = 13$

$9 - 6 = 3$

$8 - 7 = 1$

$6 - 1 = 5$

$7 - 4 = 3$

$19 - 6 = 13$

$18 - 7 = 11$

$16 - 1 = 15$

$17 - 4 = 13$

1	$14 - 2 = 12$	$18 - 5 = 13$	$16 - 6 = 10$	$15 - 1 = 14$
	$4 - 2 = 2$	$8 - 5 = 3$	$6 - 6 = 0$	$5 - 1 = 4$
	$15 - 5 = 10$	$13 - 2 = 11$	$14 - 3 = 11$	$18 - 6 = 12$
	$5 - 5 = 0$	$3 - 2 = 1$	$4 - 3 = 1$	$8 - 6 = 2$

2	$19 - 9 = 10$	$12 - 1 = 11$	$17 - 7 = 10$	$19 - 8 = 11$
	$9 - 9 = 0$	$2 - 1 = 1$	$7 - 7 = 0$	$9 - 8 = 1$
	$20 - 3 = 17$	$19 - 5 = 14$	$15 - 4 = 11$	$16 - 5 = 11$
	$10 - 3 = 7$	$9 - 5 = 4$	$5 - 4 = 1$	$6 - 5 = 1$

3	$11 - 1 = 10$	$13 - 1 = 12$	$19 - 2 = 17$	$14 - 4 = 10$
	$1 - 1 = 0$	$3 - 1 = 2$	$9 - 2 = 7$	$4 - 4 = 0$
	$17 - 6 = 11$	$14 - 2 = 12$	$20 - 4 = 16$	$17 - 2 = 15$
	$7 - 6 = 1$	$4 - 2 = 2$	$10 - 4 = 6$	$7 - 2 = 5$

Ähnliche Aufgaben (-)

1

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

+	2	5	6	4	3
1	3	6	7	5	4
3	5	8	9	7	6

2

+	15	10	17	13	12
3	18	13	20	16	15

+	13	14	15	10	11
5	18	19	20	15	16
2	15	16	17	12	13

3

+	4	6	3	5	2
4	8	10	7	9	6
2	6	8	5	7	4
3	7	9	6	8	5
1	5	7	4	6	3

4

+	11	16	10	14	15
3	14	19	13	17	18
1	12	17	11	15	16
2	13	18	12	16	17
4	15	20	14	18	19

1

-	5	1	4	3	6
9	4	8	5	6	3

-	3	1	5	6	4
7	4	6	2	1	3
8	5	7	3	2	4

2

-	1	3	2	5	6
19	18	16	17	14	13

-	6	4	3	5	2
17	11	13	14	12	15
16	10	12	13	11	14

3

-	4	5	3	1	2
9	5	4	6	8	7
5	1	0	2	4	3
8	4	3	5	7	6
7	3	2	4	6	5

4

-	1	4	2	3	5
15	14	11	13	12	10
16	15	12	14	13	11
19	18	15	17	16	14
20	19	16	18	17	15

Minustabellen

1



$6 + 3 = 9$



$16 + 3 = 19$



$9 - 3 = 6$



$19 - 3 = 16$

2

$6 + 4 = 10$

$3 + 4 = 7$

$10 - 4 = 6$

$7 - 4 = 3$

$5 + 4 = 9$

$5 + 2 = 7$

$9 - 4 = 5$

$7 - 2 = 5$

$3 + 5 = 8$

$4 + 5 = 9$

$8 - 5 = 3$

$9 - 5 = 4$

$2 + 1 = 3$

$2 + 6 = 8$

$3 - 1 = 2$

$8 - 6 = 2$

$7 + 3 = 10$

$1 + 6 = 7$

$10 - 3 = 7$

$7 - 6 = 1$

3

$16 + 4 = 20$

$13 + 4 = 17$

$20 - 4 = 16$

$17 - 4 = 13$

$15 + 4 = 19$

$15 + 2 = 17$

$19 - 4 = 15$

$17 - 2 = 15$

$13 + 5 = 18$

$14 + 5 = 19$

$18 - 5 = 13$

$19 - 5 = 14$

$12 + 1 = 13$

$12 + 6 = 18$

$13 - 1 = 12$

$18 - 6 = 12$

$17 + 3 = 20$

$11 + 4 = 15$

$20 - 3 = 17$

$15 - 4 = 11$

1 $19 - 7 = 12$

$12 + 7 = 19$

$14 - 3 = 11$

$11 + 3 = 14$

$15 - 5 = 10$

$10 + 5 = 15$

$13 - 2 = 11$

$11 + 2 = 13$

$13 - 2 = 11$

$11 + 2 = 13$

$16 - 6 = 10$

$10 + 6 = 16$

$18 - 1 = 17$

$17 + 1 = 18$

$14 - 2 = 12$

$12 + 2 = 14$

2 $18 - 7 = 11$

$11 + 7 = 18$

$13 - 3 = 10$

$10 + 3 = 13$

$14 - 1 = 13$

$13 + 1 = 14$

$15 - 3 = 12$

$12 + 3 = 15$

$17 - 5 = 12$

$12 + 5 = 17$

$14 - 2 = 12$

$12 + 2 = 14$

$12 - 1 = 11$

$11 + 1 = 12$

$18 - 2 = 16$

$16 + 2 = 18$

3



Umkehraufgaben

1 $3 + 1 + 4 = 8$

$2 + 2 + 3 = 7$

$1 + 0 + 8 = 9$

$5 + 1 + 1 = 7$

$1 + 6 + 2 = 9$

$0 + 7 + 1 = 8$

$4 + 3 + 1 = 8$

$7 + 1 + 2 = 10$

$5 + 0 + 3 = 8$

$1 + 4 + 4 = 9$

$2 + 4 + 1 = 7$

2 $10 + 2 + 3 = 15$

$10 + 5 + 2 = 17$

$10 + 6 + 3 = 19$

$10 + 5 + 4 = 19$

$10 + 3 + 2 = 15$

$10 + 4 + 4 = 18$

$10 + 8 + 1 = 19$

$10 + 0 + 9 = 19$

$10 + 6 + 4 = 20$

$10 + 3 + 5 = 18$

$10 + 1 + 9 = 20$

3 $10 + 4 + 6 = 20$

$10 + 0 + 5 = 15$

$10 + 1 + 8 = 19$

$10 + 3 + 2 = 15$

$10 + 2 + 6 = 18$

$10 + 2 + 2 = 14$

$10 + 4 + 5 = 19$

$10 + 3 + 1 = 14$

$10 + 2 + 5 = 17$

$10 + 8 + 0 = 18$

$10 + 6 + 3 = 19$

4 $15 + 1 + 3 = 19$

$11 + 7 + 1 = 19$

$17 + 1 + 2 = 20$

$13 + 4 + 1 = 18$

$16 + 2 + 1 = 19$

$12 + 0 + 6 = 18$

$14 + 3 + 3 = 20$

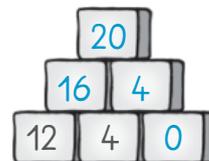
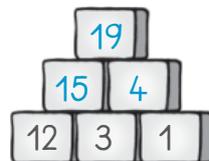
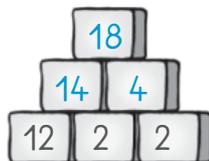
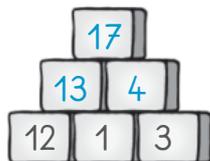
$17 + 0 + 2 = 19$

$11 + 5 + 1 = 17$

$13 + 2 + 5 = 20$

$18 + 1 + 1 = 20$

5



1

$$9 - 7 - 1 = 1$$

$$8 - 5 - 2 = 1$$

$$4 - 2 - 2 = 0$$

$$7 - 2 - 3 = 2$$

$$9 - 2 - 6 = 1$$

$$6 - 4 - 1 = 1$$

$$8 - 1 - 4 = 3$$

$$5 - 0 - 4 = 1$$

$$6 - 3 - 2 = 1$$

$$7 - 3 - 1 = 3$$

$$8 - 3 - 5 = 0$$

2

$$10 - 4 - 2 = 4$$

$$10 - 5 - 3 = 2$$

$$10 - 0 - 6 = 4$$

$$10 - 7 - 1 = 2$$

$$10 - 6 - 3 = 1$$

$$10 - 5 - 5 = 0$$

$$10 - 3 - 1 = 6$$

$$10 - 1 - 8 = 1$$

$$10 - 6 - 1 = 3$$

$$10 - 2 - 5 = 3$$

$$10 - 9 - 1 = 0$$

3

$$10 - 2 - 5 = 3$$

$$10 - 5 - 5 = 0$$

$$10 - 1 - 7 = 2$$

$$10 - 3 - 0 = 7$$

$$10 - 4 - 1 = 5$$

$$10 - 7 - 3 = 0$$

$$10 - 0 - 7 = 3$$

$$10 - 2 - 4 = 4$$

$$10 - 3 - 4 = 3$$

$$10 - 2 - 7 = 1$$

$$10 - 8 - 1 = 1$$

4

$$20 - 3 - 5 = 12$$

$$20 - 4 - 2 = 14$$

$$20 - 2 - 1 = 17$$

$$20 - 3 - 4 = 13$$

$$20 - 9 - 1 = 10$$

$$20 - 7 - 2 = 11$$

$$20 - 2 - 6 = 12$$

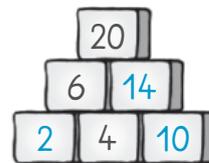
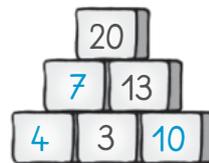
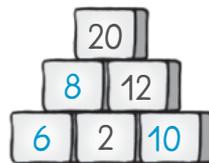
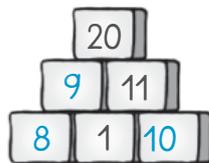
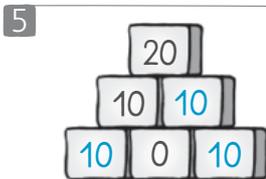
$$20 - 4 - 4 = 12$$

$$20 - 3 - 6 = 11$$

$$20 - 8 - 0 = 12$$

$$20 - 6 - 4 = 10$$

Kettenaufgaben (-)



1  +  = 10

 +  = 4

 +  = 8

 +  = 6

 +  = 12

 +  = 2



2  8 + 8 = 16

 2 + 2 = 4

 7 + 7 = 14

 5 + 5 = 10

 9 + 9 = 18

 6 + 6 = 12

 3 + 3 = 6

3 5 + 5 = 10

1 + 1 = 2

9 + 9 = 18

4 + 4 = 8

8 + 8 = 16

0 + 0 = 0

2 + 2 = 4

10 + 10 = 20

3 + 3 = 6

7 + 7 = 14

6 + 6 = 12

9 + 9 = 18

1



$$6 = 3 + 3$$



$$20 = 10 + 10$$



$$18 = 9 + 9$$



$$2 = 1 + 1$$



$$16 = 8 + 8$$



$$8 = 4 + 4$$



$$12 = 6 + 6$$

2

$$0 = 0 + 0$$

$$6 - 3 = 3$$

$$4 = 2 + 2$$

$$16 - 8 = 8$$

$$10 = 5 + 5$$

$$14 - 7 = 7$$

$$14 = 7 + 7$$

$$10 - 5 = 5$$

$$12 = 6 + 6$$

$$20 - 10 = 10$$

$$16 = 8 + 8$$

$$0 - 0 = 0$$

$$8 = 4 + 4$$

$$18 - 9 = 9$$

$$2 = 1 + 1$$

$$12 - 6 = 6$$

$$18 = 9 + 9$$

$$8 - 4 = 4$$

3

$$14 - 7 = 7$$

$$2 - 1 = 1$$

$$12 - 6 = 6$$

$$4 - 2 = 2$$

$$16 - 8 = 8$$

$$8 - 4 = 4$$

$$8 - 4 = 4$$

$$18 - 9 = 9$$

$$10 - 5 = 5$$

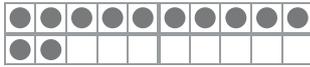
$$12 - 6 = 6$$

$$4 - 2 = 2$$

$$6 - 3 = 3$$

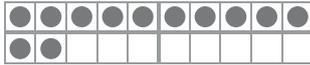
Halbieren

1



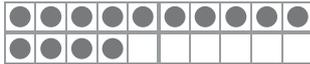
$$7 + 5 = 12$$

$$7 + 3 + 2 = 12$$



$$8 + 4 = 12$$

$$8 + 2 + 2 = 12$$



$$5 + 9 = 14$$

$$5 + 5 + 4 = 14$$



$$9 + 4 = 13$$

$$9 + 1 + 3 = 13$$



$$6 + 9 = 15$$

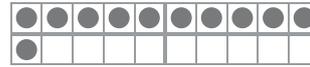
$$6 + 4 + 5 = 15$$



$$5 + 7 = 12$$

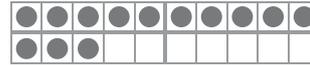
$$5 + 5 + 2 = 12$$

2



$$8 + 3 = 11$$

$$8 + 2 + 1 = 11$$



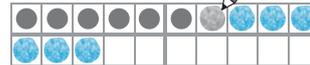
$$7 + 6 = 13$$

$$7 + 3 + 3 = 13$$



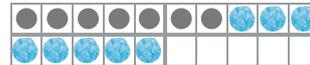
$$9 + 7 = 16$$

$$9 + 1 + 6 = 16$$



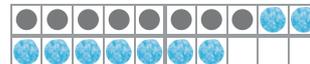
$$6 + 7 = 13$$

$$6 + 4 + 3 = 13$$



$$7 + 8 = 15$$

$$7 + 3 + 5 = 15$$



$$8 + 9 = 17$$

$$8 + 2 + 7 = 17$$

$1 \quad 8 + 6 = 14$

$8 + 2 + 4 = 14$

$5 + 9 = 14$

$5 + 5 + 4 = 14$

$6 + 7 = 13$

$6 + 4 + 3 = 13$

$9 + 8 = 17$

$9 + 1 + 7 = 17$

$8 + 7 = 15$

$8 + 2 + 5 = 15$

$7 + 5 = 12$

$7 + 3 + 2 = 12$

$2 \quad 4 + 8 = 12$

$4 + 6 + 2 = 12$

$9 + 6 = 15$

$9 + 1 + 5 = 15$

$8 + 5 = 13$

$8 + 2 + 3 = 13$

$7 + 6 = 13$

$7 + 3 + 3 = 13$

$9 + 9 = 18$

$9 + 1 + 8 = 18$

$5 + 6 = 11$

$5 + 5 + 1 = 11$

$3 \quad 4 + 9 = 13$

$4 + 6 + 3 = 13$

$9 + 3 = 12$

$9 + 1 + 2 = 12$

$5 + 8 = 13$

$5 + 5 + 3 = 13$

$6 + 9 = 15$

$6 + 4 + 5 = 15$

$8 + 8 = 16$

$8 + 2 + 6 = 16$

$9 + 8 = 17$

$9 + 1 + 7 = 17$

$4 \quad 4 + 7 = 11$

$4 + 6 + 1 = 11$

$7 + 7 = 14$

$7 + 3 + 4 = 14$

$6 + 8 = 14$

$6 + 4 + 4 = 14$

$5 + 7 = 12$

$5 + 5 + 2 = 12$

$8 + 4 = 12$

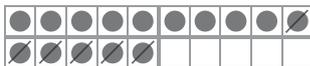
$8 + 2 + 2 = 12$

$4 + 9 = 13$

$4 + 6 + 3 = 13$

Erst bis zur 10 (+)

1



$$15 - 6 = 9$$

$$15 - 5 - 1 = 9$$



$$13 - 9 = 4$$

$$13 - 3 - 6 = 4$$



$$12 - 5 = 7$$

$$12 - 2 - 3 = 7$$



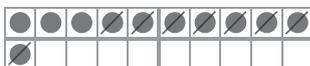
$$14 - 8 = 6$$

$$14 - 4 - 4 = 6$$



$$16 - 7 = 9$$

$$16 - 6 - 1 = 9$$



$$11 - 8 = 3$$

$$11 - 1 - 7 = 3$$

2



$$17 - 9 = 8$$

$$17 - 7 - 2 = 8$$



$$11 - 6 = 5$$

$$11 - 1 - 5 = 5$$



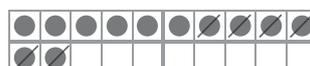
$$13 - 5 = 8$$

$$13 - 3 - 2 = 8$$



$$15 - 7 = 8$$

$$15 - 5 - 2 = 8$$



$$12 - 6 = 6$$

$$12 - 2 - 4 = 6$$



$$14 - 7 = 7$$

$$14 - 4 - 3 = 7$$

$1 \quad 17 - 9 = 8$

$17 - 7 - 2 = 8$

$11 - 3 = 8$

$11 - 1 - 2 = 8$

$12 - 5 = 7$

$12 - 2 - 3 = 7$

$18 - 9 = 9$

$18 - 8 - 1 = 9$

$14 - 9 = 5$

$14 - 4 - 5 = 5$

$15 - 7 = 8$

$15 - 5 - 2 = 8$

$2 \quad 15 - 8 = 7$

$15 - 5 - 3 = 7$

$16 - 7 = 9$

$16 - 6 - 1 = 9$

$14 - 6 = 8$

$14 - 4 - 2 = 8$

$17 - 8 = 9$

$17 - 7 - 1 = 9$

$16 - 9 = 7$

$16 - 6 - 3 = 7$

$12 - 3 = 9$

$12 - 2 - 1 = 9$

$3 \quad 11 - 4 = 7$

$11 - 1 - 3 = 7$

$14 - 5 = 9$

$14 - 4 - 1 = 9$

$13 - 7 = 6$

$13 - 3 - 4 = 6$

$16 - 8 = 8$

$16 - 6 - 2 = 8$

$11 - 5 = 6$

$11 - 1 - 4 = 6$

$13 - 6 = 7$

$13 - 3 - 3 = 7$

$4 \quad 15 - 7 = 8$

$15 - 5 - 2 = 8$

$13 - 8 = 5$

$13 - 3 - 5 = 5$

$11 - 9 = 2$

$11 - 1 - 8 = 2$

$15 - 9 = 6$

$15 - 5 - 4 = 6$

$14 - 7 = 7$

$14 - 4 - 3 = 7$

$12 - 7 = 5$

$12 - 2 - 5 = 5$

Erst bis zur 10 (-)

1

$$4 + 5 = 9$$

$$3 + 2 = 5$$

$$2 + 7 = 9$$

$$6 + 4 = 10$$

$$8 + 1 = 9$$

$$9 + 0 = 9$$

$$2 + 7 = 9$$

$$5 + 5 = 10$$

$$1 + 5 = 6$$

$$3 + 5 = 8$$

$$6 + 2 = 8$$

2

$$14 + 2 = 16$$

$$16 + 3 = 19$$

$$11 + 4 = 15$$

$$12 + 7 = 19$$

$$11 + 9 = 20$$

$$13 + 2 = 15$$

$$17 + 2 = 19$$

$$13 + 4 = 17$$

$$19 + 1 = 20$$

$$15 + 3 = 18$$

$$18 + 2 = 20$$

3

$$3 + 9 = 12$$

$$4 + 7 = 11$$

$$8 + 5 = 13$$

$$6 + 6 = 12$$

$$4 + 8 = 12$$

$$9 + 4 = 13$$

$$8 + 4 = 12$$

$$9 + 9 = 18$$

$$7 + 6 = 13$$

$$6 + 5 = 11$$

$$7 + 8 = 15$$

4

$$9 + 6 = 15$$

$$7 + 4 = 11$$

$$6 + 6 = 12$$

$$4 + 8 = 12$$

$$7 + 8 = 15$$

$$5 + 8 = 13$$

$$8 + 9 = 17$$

$$5 + 7 = 12$$

$$3 + 8 = 11$$

$$8 + 8 = 16$$

$$2 + 9 = 11$$

5

+	8	9	7	4
7	15	16	14	11
6	14	15	13	10

+	7	6	3	5
9	16	15	12	14
8	15	14	11	13

1

$$9 - 4 = 5$$

$$8 - 3 = 5$$

$$7 - 4 = 3$$

$$6 - 5 = 1$$

$$8 - 5 = 3$$

$$9 - 7 = 2$$

$$7 - 6 = 1$$

$$6 - 3 = 3$$

$$8 - 8 = 0$$

$$4 - 2 = 2$$

$$5 - 4 = 1$$

2

$$15 - 3 = 12$$

$$19 - 8 = 11$$

$$18 - 6 = 12$$

$$16 - 5 = 11$$

$$15 - 4 = 11$$

$$19 - 7 = 12$$

$$17 - 7 = 10$$

$$13 - 2 = 11$$

$$14 - 4 = 10$$

$$12 - 1 = 11$$

$$16 - 3 = 13$$

3

$$16 - 9 = 7$$

$$17 - 9 = 8$$

$$12 - 8 = 4$$

$$11 - 3 = 8$$

$$16 - 8 = 8$$

$$13 - 8 = 5$$

$$18 - 9 = 9$$

$$13 - 9 = 4$$

$$12 - 6 = 6$$

$$14 - 7 = 7$$

$$13 - 7 = 6$$

4

$$15 - 8 = 7$$

$$16 - 7 = 9$$

$$14 - 6 = 8$$

$$11 - 4 = 7$$

$$13 - 8 = 5$$

$$12 - 3 = 9$$

$$17 - 7 = 10$$

$$15 - 9 = 6$$

$$14 - 5 = 9$$

$$12 - 8 = 4$$

$$16 - 7 = 9$$

Vermischte Aufgaben (-)

5

-	8	9	4	6
12	4	3	8	6
14	6	5	10	8

-	4	3	7	5
11	7	8	4	6
13	9	10	6	8

1



$$8 + 3 = 11$$



$$9 + 3 = 12$$



$$8 + 2 = 10$$



$$10 + 3 = 13$$

2

$$7 + 4 = 11$$

$$10 + 1 = 11$$

$$7 + 3 = 10$$

$$10 + 0 = 10$$

$$6 + 5 = 11$$

$$2 + 9 = 11$$

$$6 + 4 = 10$$

$$2 + 8 = 10$$

$$9 + 2 = 11$$

$$3 + 8 = 11$$

$$9 + 1 = 10$$

$$3 + 7 = 10$$

$$5 + 6 = 11$$

$$4 + 7 = 11$$

$$5 + 7 = 12$$

$$4 + 6 = 10$$

$$15 + 4 = 19$$

$$14 + 5 = 19$$

$$15 + 5 = 20$$

$$14 + 6 = 20$$

3

$$9 + 6 = 15$$

$$4 + 9 = 13$$

$$10 + 6 = 16$$

$$4 + 10 = 14$$

$$9 + 2 = 11$$

$$7 + 9 = 16$$

$$10 + 2 = 12$$

$$7 + 10 = 17$$

$$9 + 8 = 17$$

$$5 + 9 = 14$$

$$10 + 8 = 18$$

$$5 + 10 = 15$$

$$9 + 7 = 16$$

$$8 + 9 = 17$$

$$10 + 7 = 17$$

$$8 + 10 = 18$$

$$9 + 5 = 14$$

$$6 + 9 = 15$$

$$10 + 5 = 15$$

$$6 + 10 = 16$$

1



$15 - 6 = 9$



$17 - 9 = 8$



$15 - 5 = 10$



$17 - 10 = 7$

2

$11 - 2 = 9$

$12 - 3 = 9$

$15 - 9 = 6$

$13 - 9 = 4$

$11 - 1 = 10$

$12 - 2 = 10$

$15 - 10 = 5$

$13 - 10 = 3$

$13 - 4 = 9$

$16 - 7 = 9$

$16 - 9 = 7$

$14 - 9 = 5$

$13 - 3 = 10$

$16 - 6 = 10$

$16 - 10 = 6$

$14 - 10 = 4$

$17 - 8 = 9$

$14 - 5 = 9$

$12 - 9 = 3$

$11 - 9 = 2$

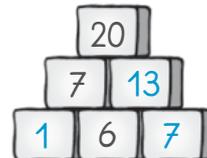
$17 - 7 = 10$

$14 - 4 = 10$

$12 - 10 = 2$

$11 - 10 = 1$

3



1



$$7 + 6 = 13$$



$$7 + 7 = 14$$



$$7 + 8 = 15$$



$$8 + 8 = 16$$

2

$$2 + 3 = 5$$

$$4 + 5 = 9$$

$$2 + 2 = 4$$

$$4 + 4 = 8$$

$$6 + 5 = 11$$

$$2 + 1 = 3$$

$$5 + 5 = 10$$

$$1 + 1 = 2$$

$$7 + 8 = 15$$

$$9 + 8 = 17$$

$$7 + 7 = 14$$

$$8 + 8 = 16$$

$$8 + 9 = 17$$

$$6 + 7 = 13$$

$$8 + 8 = 16$$

$$6 + 6 = 12$$

$$7 + 6 = 13$$

$$10 + 9 = 19$$

$$6 + 6 = 12$$

$$9 + 9 = 18$$



3

$$9 + 8 = 17$$

$$3 + 4 = 7$$

$$9 + 9 = 18$$

$$4 + 4 = 8$$

$$2 + 1 = 3$$

$$5 + 4 = 9$$

$$2 + 2 = 4$$

$$5 + 5 = 10$$

$$5 + 6 = 11$$

$$8 + 7 = 15$$

$$6 + 6 = 12$$

$$8 + 8 = 16$$

$$3 + 2 = 5$$

$$10 + 9 = 19$$

$$3 + 3 = 6$$

$$10 + 10 = 20$$

$$6 + 7 = 13$$

$$5 + 6 = 11$$

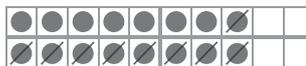
$$7 + 7 = 14$$

$$6 + 6 = 12$$

1



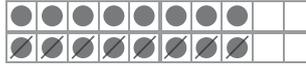
$14 - 6 = 8$



$16 - 9 = 7$



$14 - 7 = 7$



$16 - 8 = 8$

2

$7 - 3 = 4$

$17 - 8 = 9$

$7 - 2 = 5$

$17 - 7 = 10$

$8 - 4 = 4$

$14 - 5 = 9$

$8 - 3 = 5$

$14 - 4 = 10$

$6 - 2 = 4$

$18 - 9 = 9$

$6 - 1 = 5$

$18 - 8 = 10$

$9 - 4 = 5$

$11 - 5 = 6$

$8 - 4 = 4$

$10 - 5 = 5$

$9 - 5 = 4$

$16 - 7 = 9$

$10 - 5 = 5$

$16 - 6 = 10$



3

$20 - 6 = 14$

$15 - 4 = 11$

$20 - 5 = 15$

$15 - 5 = 10$

$20 - 9 = 11$

$15 - 9 = 6$

$20 - 10 = 10$

$15 - 10 = 5$

$20 - 4 = 16$

$15 - 3 = 12$

$20 - 5 = 15$

$15 - 2 = 13$

$12 - 7 = 5$

$11 - 6 = 5$

$12 - 6 = 6$

$12 - 6 = 6$

$17 - 8 = 9$

$13 - 4 = 9$

$16 - 8 = 8$

$13 - 3 = 10$

1



$$5 + 9 = 14$$

$$14 - 9 = 5$$



$$4 + 8 = 12$$

$$12 - 8 = 4$$



$$3 + 9 = 12$$

$$12 - 9 = 3$$



$$7 + 8 = 15$$

$$15 - 8 = 7$$



$$6 + 8 = 14$$

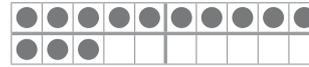
$$14 - 8 = 6$$



$$2 + 9 = 11$$

$$11 - 9 = 2$$

2



$$4 + 9 = 13$$

$$13 - 9 = 4$$



$$5 + 8 = 13$$

$$13 - 8 = 5$$



$$3 + 8 = 11$$

$$11 - 8 = 3$$



$$6 + 7 = 13$$

$$13 - 7 = 6$$



$$8 + 9 = 17$$

$$17 - 9 = 8$$



$$4 + 7 = 11$$

$$11 - 7 = 4$$

1 $15 - 7 = 8$

$8 + 7 = 15$

$13 - 6 = 7$

$7 + 6 = 13$

$16 - 7 = 9$

$9 + 7 = 16$

$14 - 8 = 6$

$6 + 8 = 14$

$17 - 9 = 8$

$8 + 9 = 17$

$18 - 9 = 9$

$9 + 9 = 18$

2 $12 - 1 = 11$

$11 + 1 = 12$

$11 - 3 = 8$

$8 + 3 = 11$

$15 - 6 = 9$

$9 + 6 = 15$

$16 - 8 = 8$

$8 + 8 = 16$

$14 - 5 = 9$

$9 + 5 = 14$

$17 - 8 = 9$

$9 + 8 = 17$

3 $13 - 5 = 8$

$8 + 5 = 13$

$12 - 4 = 8$

$8 + 4 = 12$

$11 - 5 = 6$

$6 + 5 = 11$

$14 - 6 = 8$

$8 + 6 = 14$

$15 - 8 = 7$

$7 + 8 = 15$

$16 - 9 = 7$

$7 + 9 = 16$

4 $11 - 6 = 5$

$5 + 6 = 11$

$15 - 9 = 6$

$6 + 9 = 15$

$12 - 8 = 4$

$4 + 8 = 12$

$13 - 8 = 5$

$5 + 8 = 13$

$12 - 7 = 5$

$5 + 7 = 12$

$14 - 9 = 5$

$5 + 9 = 14$

Umkehraufgaben

1

+	5	8	9	3	6
7	12	15	16	10	13
2	7	10	11	5	8
8	13	16	17	11	14

2

+	9	3	5	8	6
7	16	10	12	15	13
5	14	8	10	13	11
6	15	9	11	14	12

3

+	7	9	8	6	5
3	10	12	11	9	8
9	16	18	17	15	14
1	8	10	9	7	6

4

+	7	8	4	9	5
8	15	16	12	17	13
2	9	10	6	11	7
7	14	15	11	16	12

5

+	4	2	9	7	6
5	9	7	14	12	11
6	10	8	15	13	12
4	8	6	13	11	10

6

+	3	4	8	6	9
9	12	13	17	15	18
2	5	6	10	8	11
4	7	8	12	10	13

1

-	3	9	7	6	8
17	14	8	10	11	9
13	10	4	6	7	5
12	9	3	5	6	4

2

-	8	6	9	7	5
18	10	12	9	11	13
11	3	5	2	4	6
14	6	8	5	7	9

3

-	6	8	5	7	9
16	10	8	11	9	7
12	6	4	7	5	3
15	9	7	10	8	6

4

-	4	7	9	8	6
13	9	6	4	5	7
18	14	11	9	10	12
15	11	8	6	7	9

5

-	5	8	4	7	5
11	6	3	7	4	6
15	10	7	11	8	10
13	8	5	9	6	8

6

-	6	3	7	8	5
12	6	9	5	4	7
13	7	10	6	5	8
11	5	8	4	3	6

Minustabellen

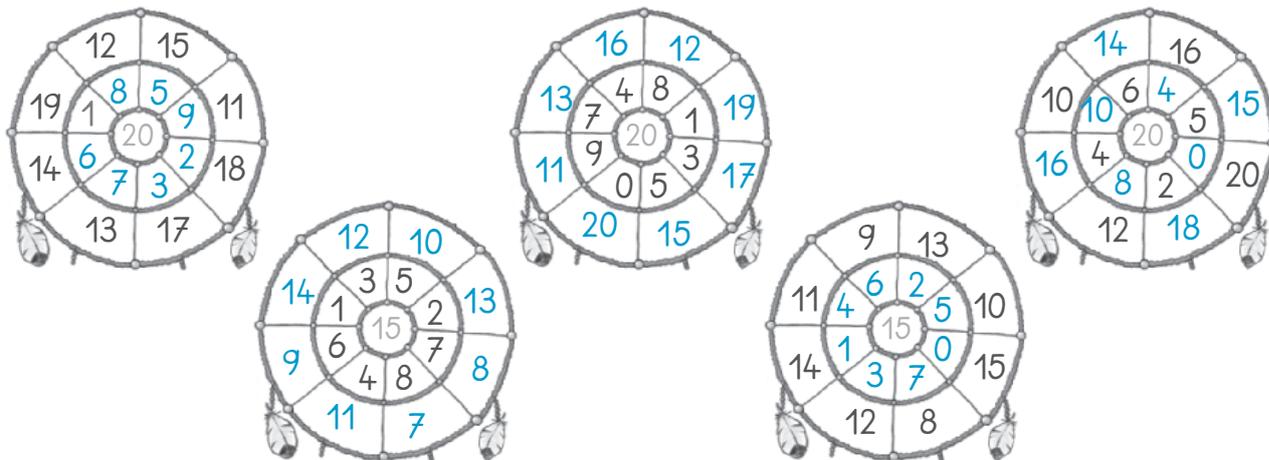
1



2



3



1 Färbe rot.  rot

$$\begin{array}{ll} 5 + 0 = 5 & 0 + 5 = 5 \\ 6 + 1 = 7 & 1 + 6 = 7 \\ 7 + 2 = 9 & 2 + 7 = 9 \\ 8 + 3 = 11 & 3 + 8 = 11 \\ 9 + 4 = 13 & 4 + 9 = 13 \\ 10 + 5 = 15 & 5 + 10 = 15 \end{array}$$

2 Färbe gelb.  gelb

$$\begin{array}{ll} 9 + 6 = 15 & 4 + 1 = 5 \\ 8 + 7 = 15 & 3 + 2 = 5 \\ 7 + 8 = 15 & 2 + 3 = 5 \\ 6 + 9 = 15 & 1 + 4 = 5 \end{array}$$

3 Färbe grün.  grün

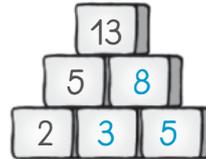
$$\begin{array}{ll} 5 + 4 = 9 & 6 + 5 = 11 \\ 4 + 5 = 9 & 5 + 6 = 11 \end{array}$$

+	0	1	2	3	4	5	6	7	8	9	10
0	0	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10	11
2	2	3	4	5	6	7	8	9	10	11	12
3	3	4	5	6	7	8	9	10	11	12	13
4	4	5	6	7	8	9	10	11	12	13	14
5	5	6	7	8	9	10	11	12	13	14	15
6	6	7	8	9	10	11	12	13	14	15	16
7	7	8	9	10	11	12	13	14	15	16	17
8	8	9	10	11	12	13	14	15	16	17	18
9	9	10	11	12	13	14	15	16	17	18	19
10	10	11	12	13	14	15	16	17	18	19	20

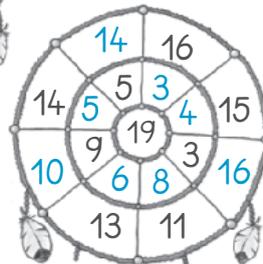
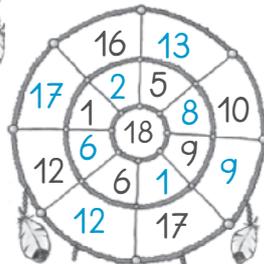
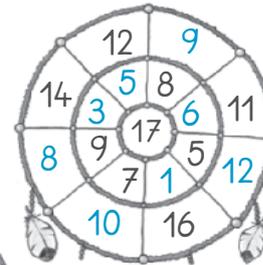
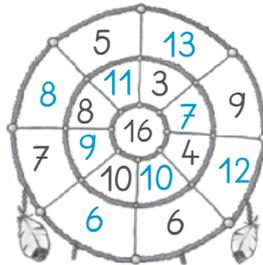
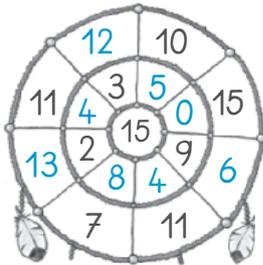
1



2



3



1 Färbe rot. 

rot

$11 - 6 = 5$

$16 - 1 = 15$

$11 - 7 = 4$

$17 - 1 = 16$

$11 - 8 = 3$

$18 - 1 = 17$

$11 - 9 = 2$

$19 - 1 = 18$

$12 - 9 = 3$

$19 - 2 = 17$

$13 - 9 = 4$

$19 - 3 = 16$

$14 - 9 = 5$

$19 - 4 = 15$

2 Färbe blau. 

blau

$20 - 0 = 20$

$10 - 10 = 0$

$17 - 2 = 15$

$12 - 7 = 5$

$17 - 3 = 14$

$13 - 7 = 6$

$18 - 3 = 15$

$13 - 8 = 5$

$16 - 4 = 12$

$14 - 6 = 8$

3 Färbe grün. 

grün

$14 - 5 = 9$

$15 - 4 = 11$

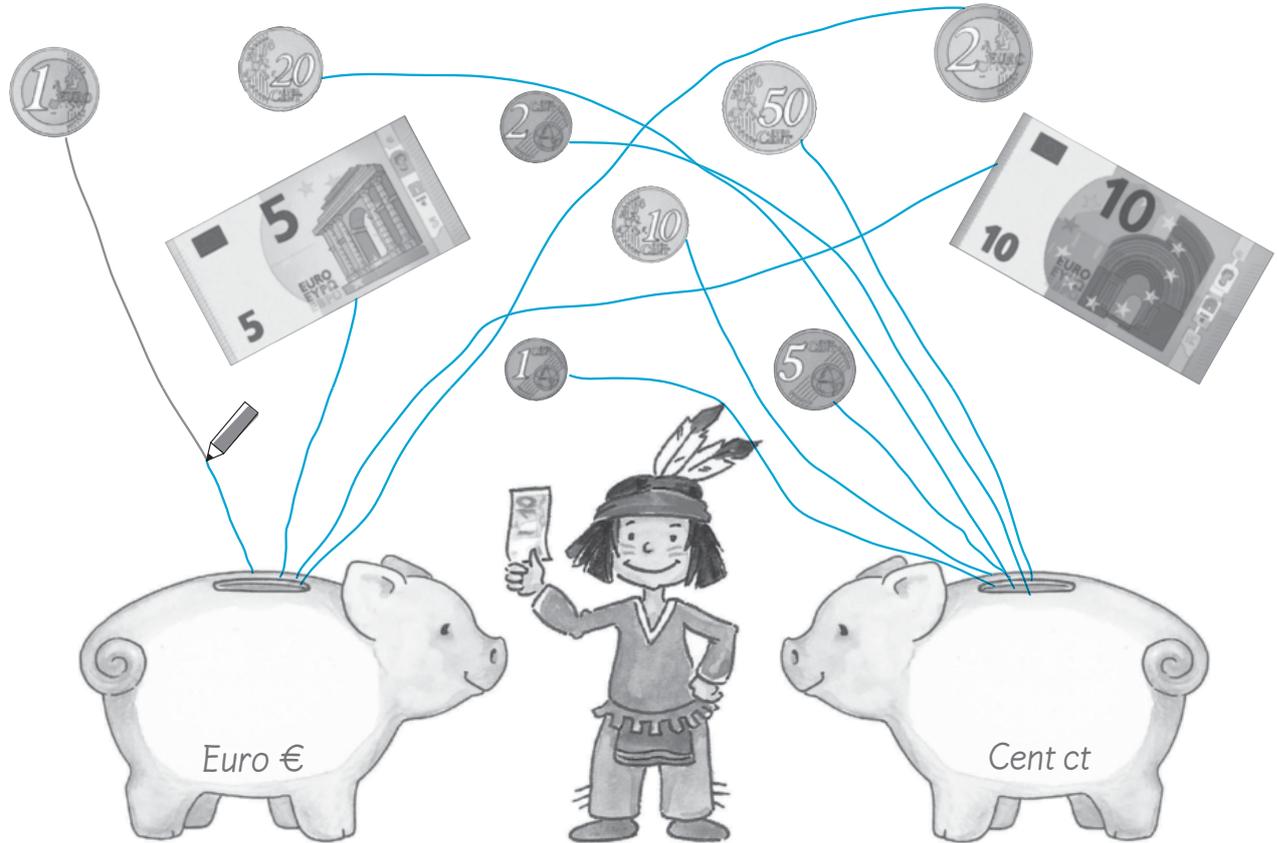
$15 - 6 = 9$

$16 - 5 = 11$

-	0	1	2	3	4	5	6	7	8	9	10
10	10	9	8	7	6	5	4	3	2	1	0
11	11	10	9	8	7	6	5	4	3	2	1
12	12	11	10	9	8	7	6	5	4	3	2
13	13	12	11	10	9	8	7	6	5	4	3
14	14	13	12	11	10	9	8	7	6	5	4
15	15	14	13	12	11	10	9	8	7	6	5
16	16	15	14	13	12	11	10	9	8	7	6
17	17	16	15	14	13	12	11	10	9	8	7
18	18	17	16	15	14	13	12	11	10	9	8
19	19	18	17	16	15	14	13	12	11	10	9
20	20	19	18	17	16	15	14	13	12	11	10

Einsminuseins-Tabelle

1 Euro oder Cent? Ordne zu.



1 Euro oder Cent?



5 €



1 ct



1 €



20 ct



2 €



5 ct



10 ct



10 €



2 ct

2 Größer, kleiner oder gleich?

1 € > 1 ct

10 € > 10 ct

8 € > 9 ct

8 ct < 9 €

2 € > 20 ct

20 ct < 20 €

15 ct < 15 €

5 € > 50 ct

5 € > 5 ct

5 ct < 1 €

12 ct < 7 €

10 ct < 1 €

3 Beschrifte der Reihe nach.

1 ct

2 ct

5 ct

10 ct

20 ct

50 ct

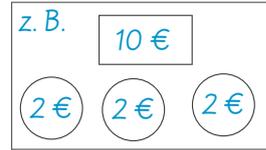
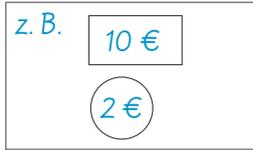
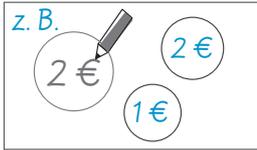
1 €

2 €

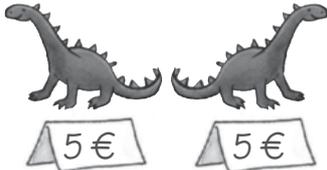
5 €

10 €

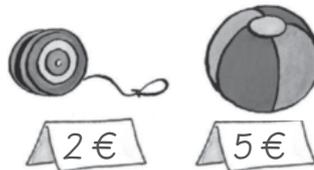
1 Wie kannst du bezahlen?



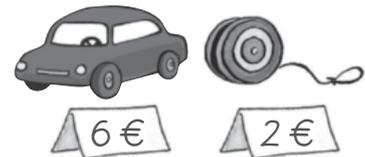
2 Wie viel kostet es zusammen?



$$5 \text{ €} + 5 \text{ €} = 10 \text{ €}$$

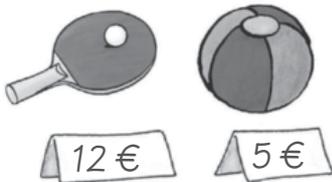


$$2 \text{ €} + 5 \text{ €} = 7 \text{ €}$$

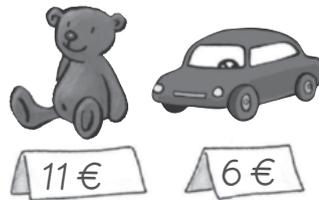


$$6 \text{ €} + 2 \text{ €} = 8 \text{ €}$$

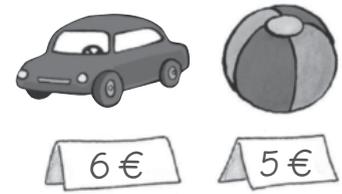
3



$$12 \text{ €} + 5 \text{ €} = 17 \text{ €}$$



$$11 \text{ €} + 6 \text{ €} = 17 \text{ €}$$



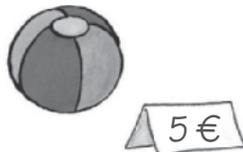
$$6 \text{ €} + 5 \text{ €} = 11 \text{ €}$$

1

Klaus hat 12 €.



Er kauft:



Wie viel Geld bleibt übrig?

$$12 \text{ €} - 5 \text{ €} = 7 \text{ €}$$

Klaus hat noch 7 €.

2

Emmi hat 18 €.



Sie kauft:



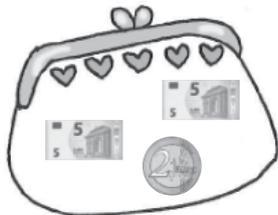
Wie viel Geld bleibt übrig?

$$18 \text{ €} - 16 \text{ €} = 2 \text{ €}$$

Emmi hat noch 2 €.

3

Niko hat 12 €.



Er kauft:

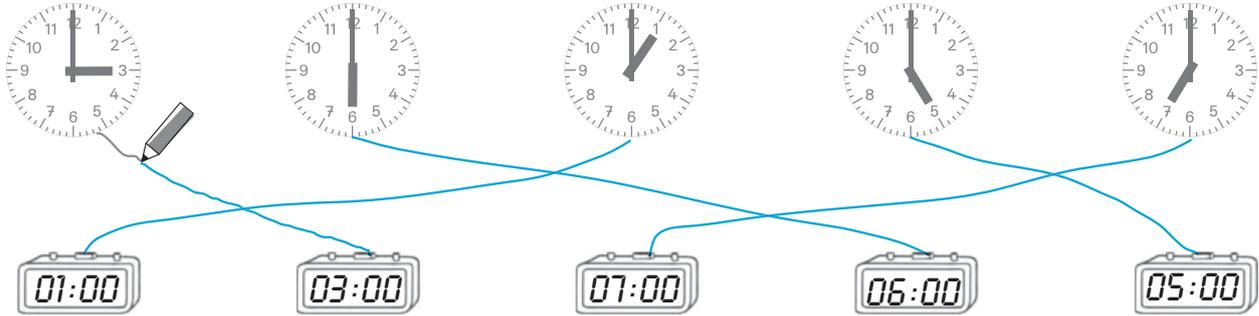


Wie viel Geld bleibt übrig?

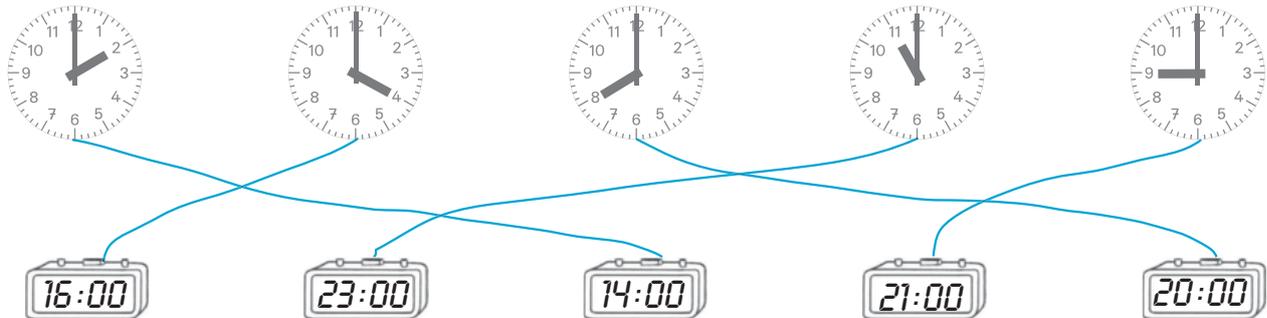
$$12 \text{ €} - 6 \text{ €} = 6 \text{ €}$$

Niko hat noch 6 €.

1 Verbinde gleiche Uhrzeiten.



2



3

7 Uhr, 8 Uhr, 9 Uhr, 10 Uhr, 11 Uhr, 12 Uhr, 13 Uhr, 14 Uhr, 15 Uhr

1



2 Uhr
14 Uhr



3 Uhr
15 Uhr



5 Uhr
17 Uhr



8 Uhr
20 Uhr



7 Uhr
19 Uhr

2



11 Uhr
23 Uhr



4 Uhr
16 Uhr



12 Uhr
0 Uhr



1 Uhr
13 Uhr



10 Uhr
22 Uhr

3



5 Uhr
17 Uhr



6 Uhr
18 Uhr



9 Uhr
21 Uhr



3 Uhr
15 Uhr



4 Uhr
16 Uhr

Montag

Dienstag

Mittwoch

Donnerstag

Freitag

Samstag

Sonntag

1

Mittwoch

Donnerstag

Freitag

Samstag

Sonntag

Montag

Dienstag

Mittwoch

Donnerstag

Freitag

2

Mo

Di

Mi

Do

Fr

Sa

So

Mo

Di

Mi

Do

Fr

Sa

So

Mo

3

Heute ist Dienstag.

Gestern war Montag.

Morgen ist Mittwoch.

Übermorgen ist Donnerstag.

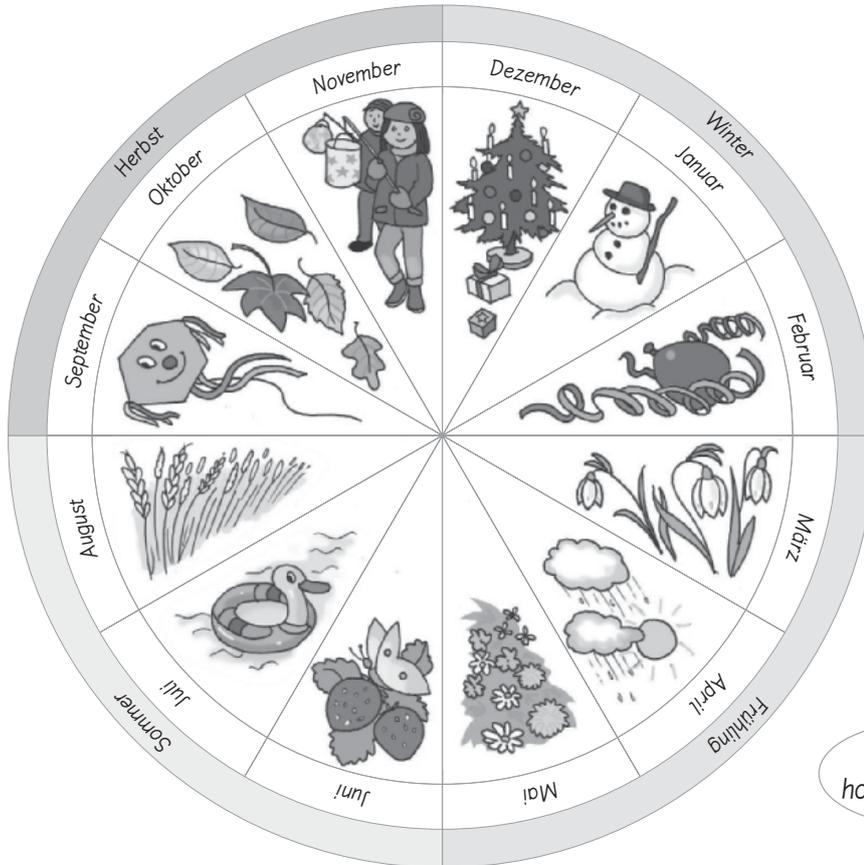
Heute ist Freitag.

Vorgestern war Mittwoch.

Übermorgen ist Sonntag.

Morgen ist Samstag.

1



1. Januar
2. Februar
3. März
4. April
5. Mai
6. Juni
7. Juli
8. August
9. September
10. Oktober
11. November
12. Dezember

Jahreszeiten und Monate

Das Jahr hat 12 Monate.



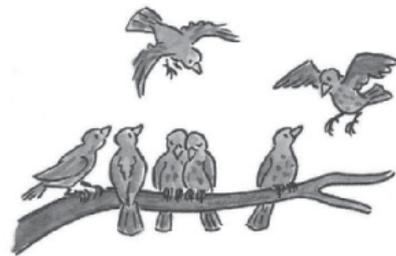
1



$$3 + 2 = 5$$

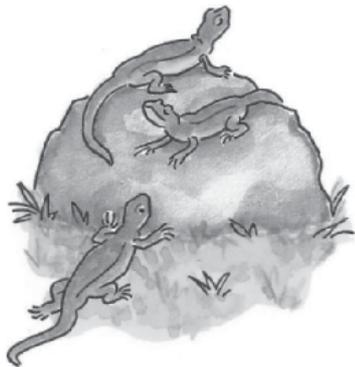


$$4 + 1 = 5$$

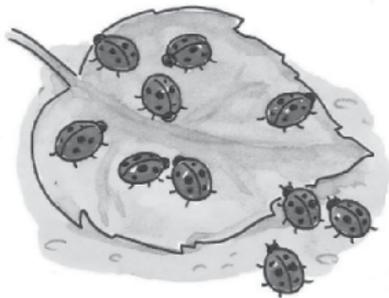


$$5 + 2 = 7$$

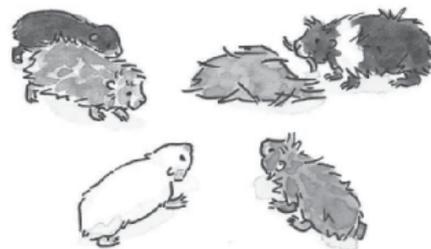
2



$$2 + 1 = 3$$

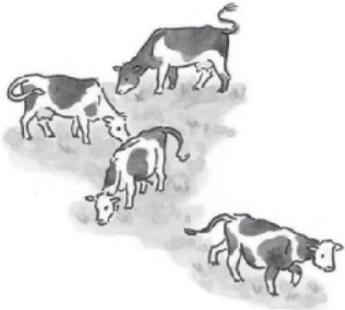


$$7 + 3 = 10$$



$$1 + 4 = 5$$

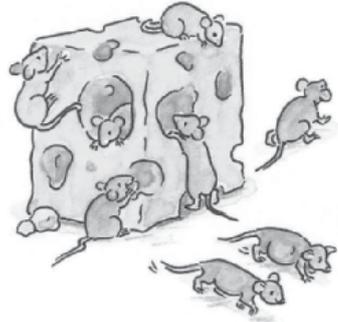
1



$$4 - 1 = 3$$

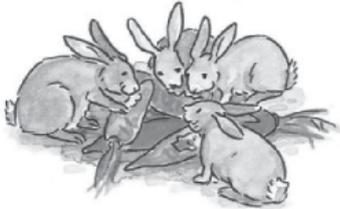


$$9 - 4 = 5$$



$$8 - 3 = 5$$

2



$$4 - 0 = 4$$



$$6 - 2 = 4$$

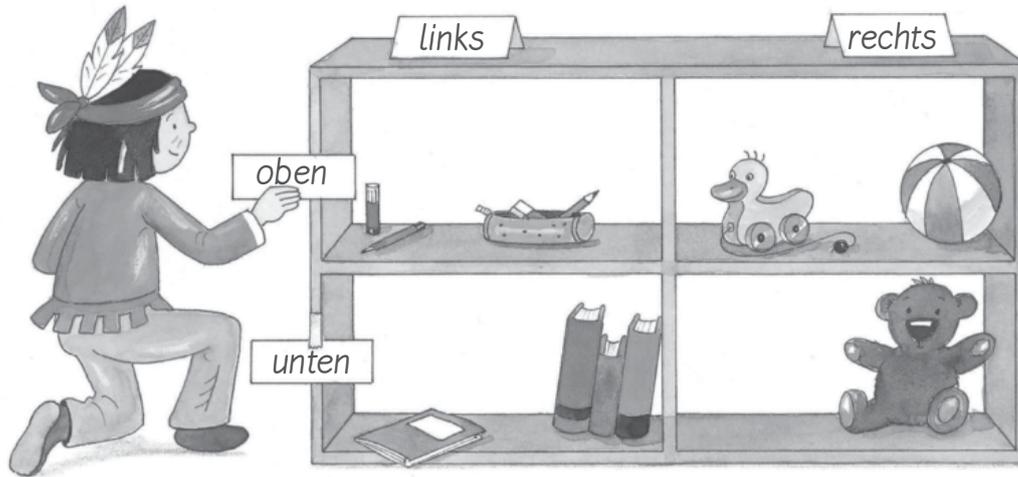


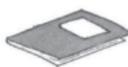
$$7 - 5 = 2$$

1 Zeichne ab.

2

Was liegt an welcher Stelle?



	<table border="1" data-bbox="268 717 427 826"> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>						<table border="1" data-bbox="582 717 742 826"> <tr><td></td><td>X</td></tr> <tr><td></td><td></td></tr> </table>		X				<table border="1" data-bbox="962 717 1121 826"> <tr><td>X</td><td></td></tr> <tr><td></td><td></td></tr> </table>	X					<table border="1" data-bbox="1281 717 1441 826"> <tr><td>X</td><td></td></tr> <tr><td></td><td></td></tr> </table>	X			
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Lage erkennen

Male aus. Zähle.



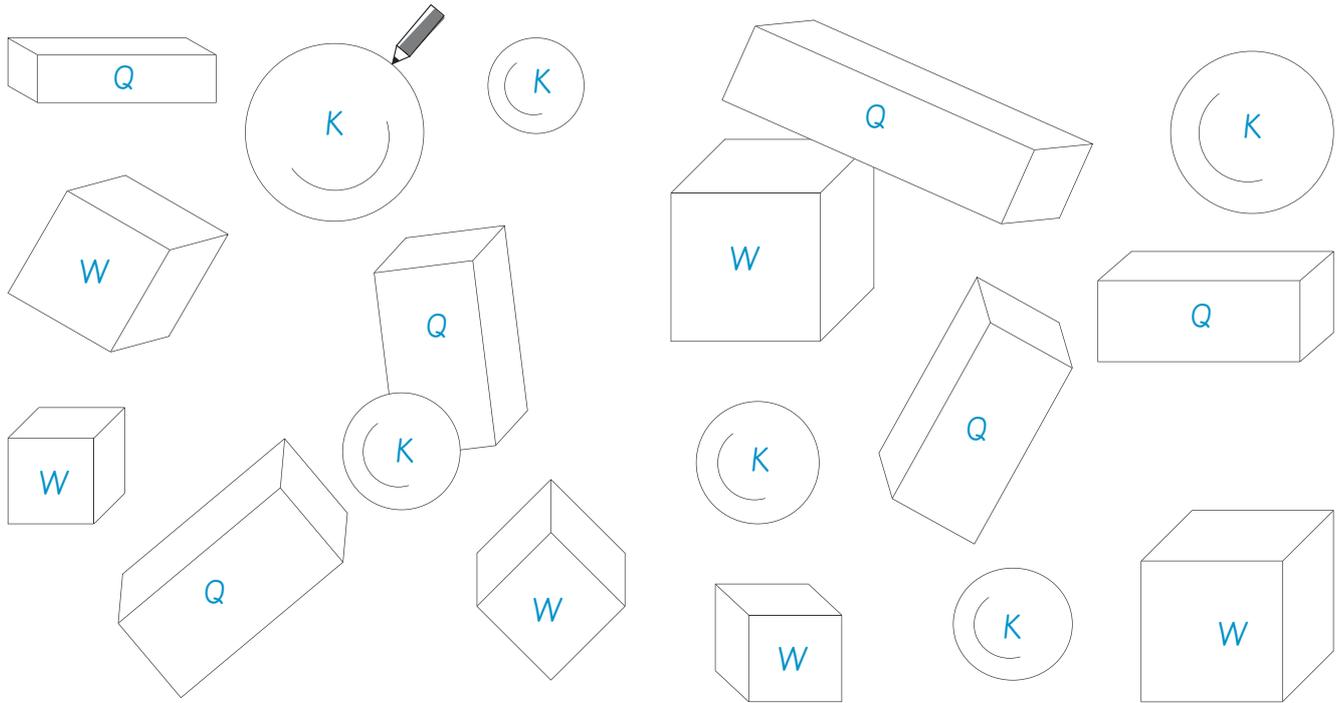
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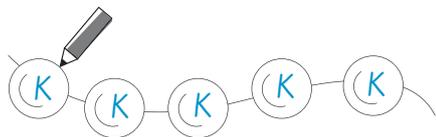
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6



Male aus. Zähle.



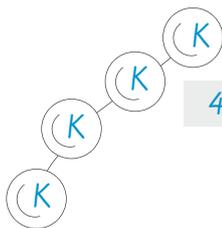
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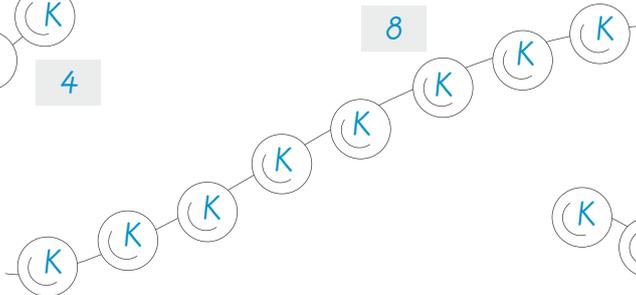


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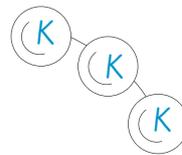


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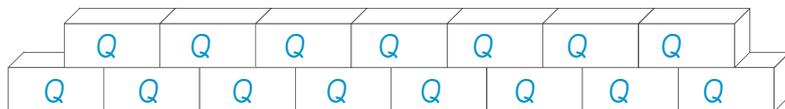
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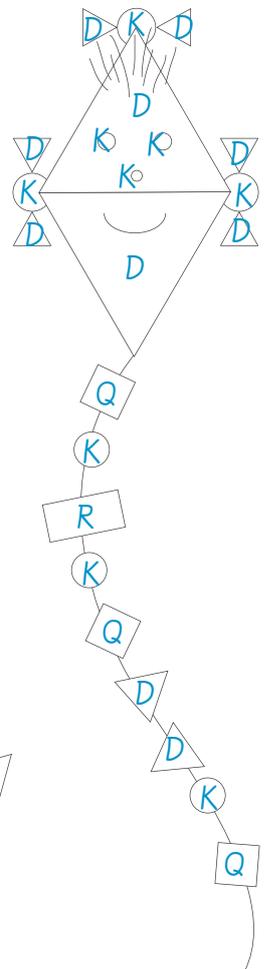
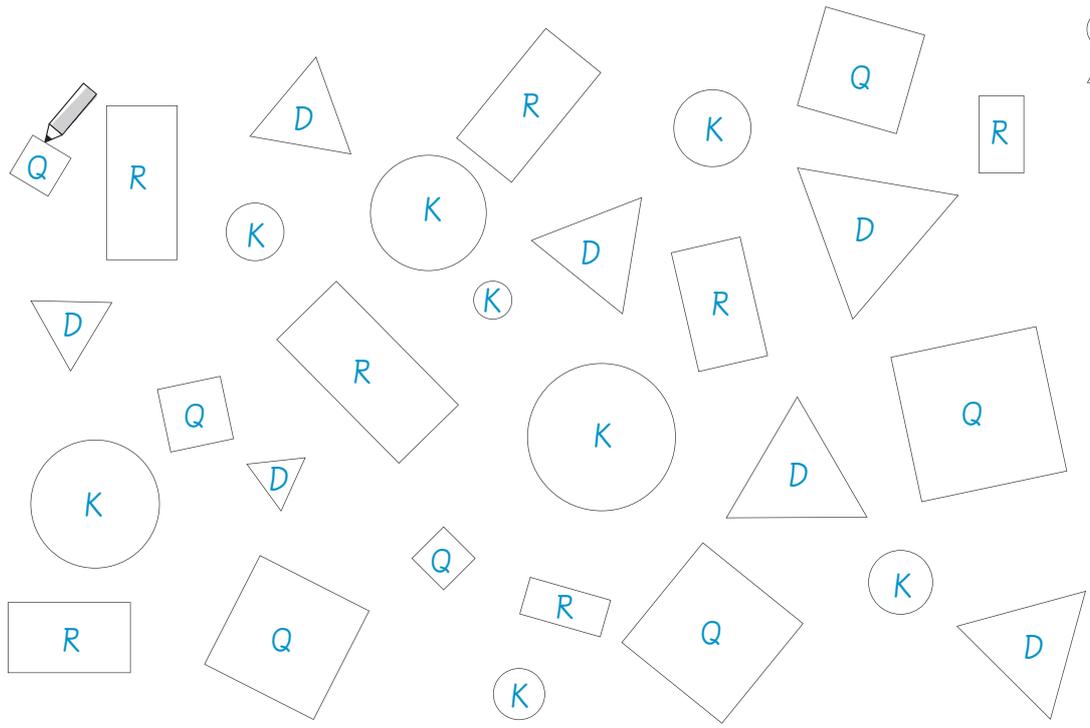
Körper erkennen und zählen



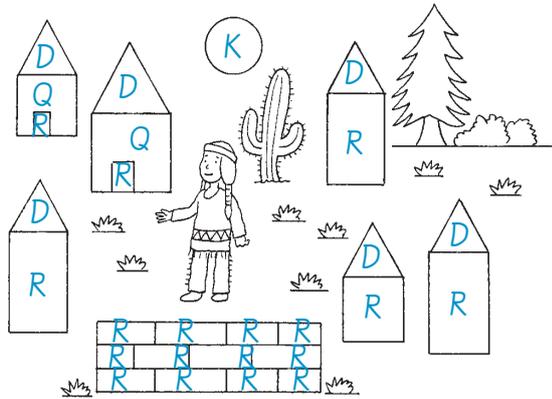
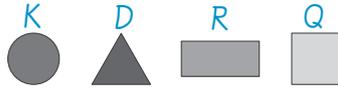
Male aus. K D Q R

Kreis Dreieck Quadrat Rechteck

Flächenformen erkennen



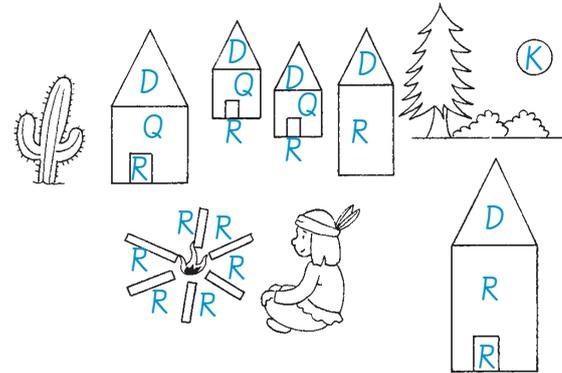
1 Male aus. Zähle.



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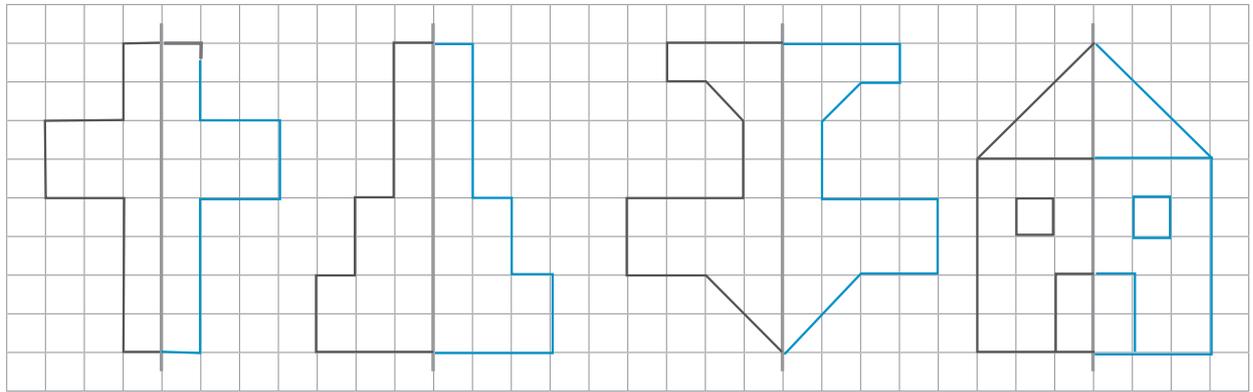


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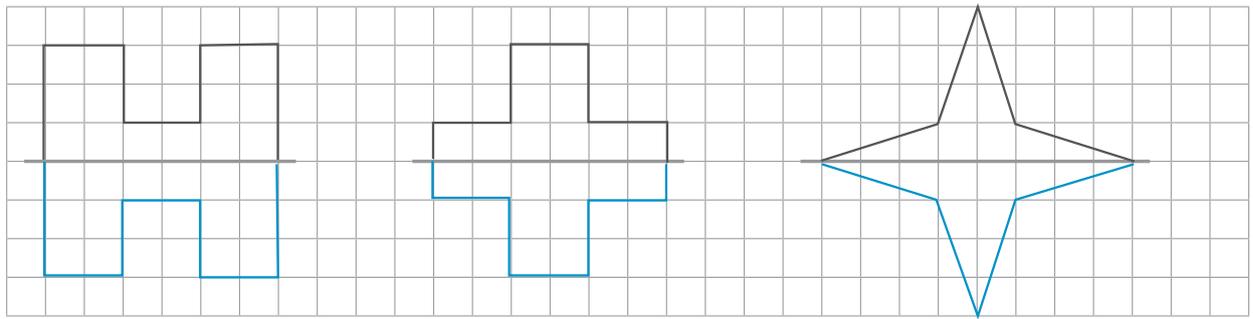
Flächenformen erkennen



1 Zeichne die Spiegelbilder.

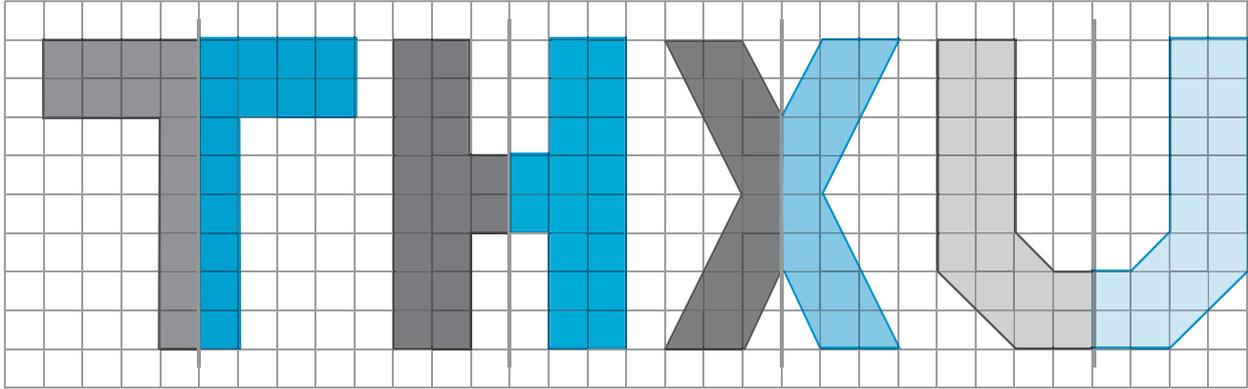


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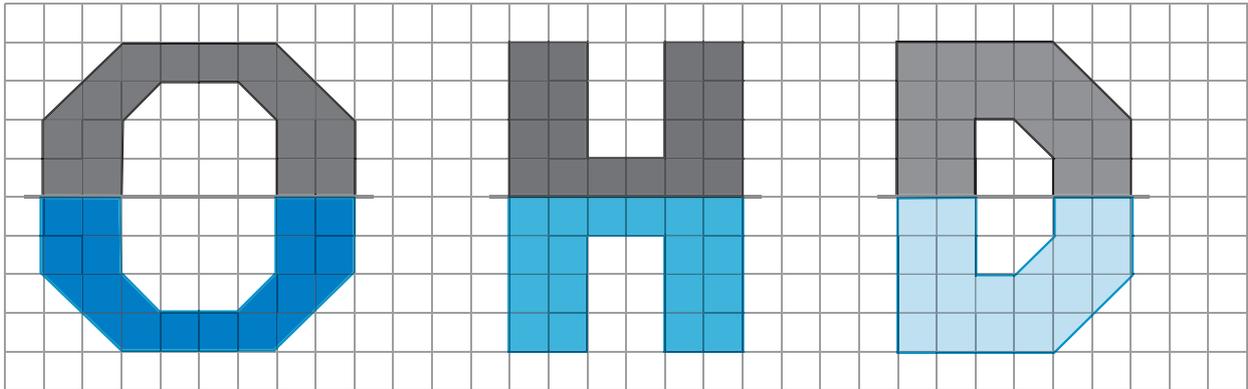


Spiegeln

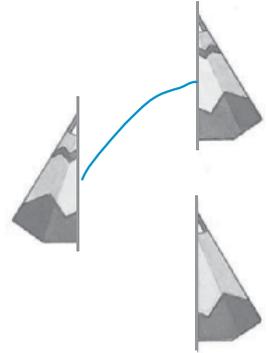
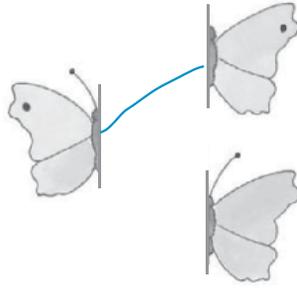
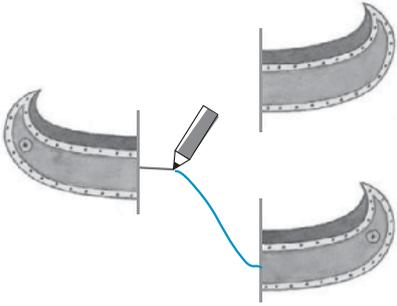
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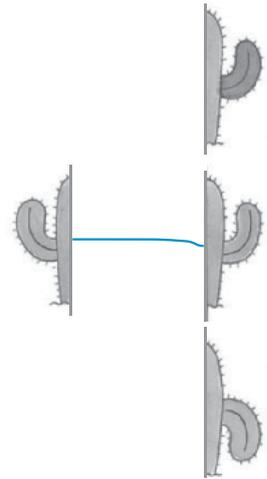
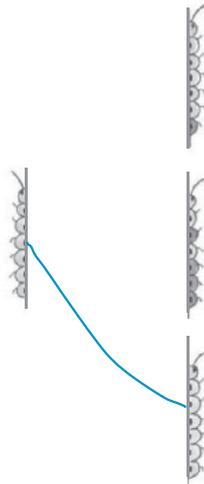
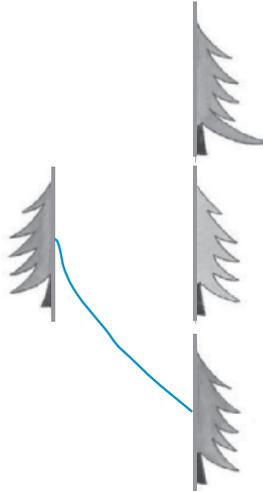
2



1 Was gehört zusammen? Verbinde.



2



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Mathematik

Richtig schreiben

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Lesen



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- Motivation und Freude beim eigenständigen Arbeiten



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