

Mit Teste-dich-Seiten



Mein Anoki-Übungsheft: .....

# Richtig rechnen 1

Heft B | Fördern

Mathematik

Lösungen

 Klett

# So lernst du mit dem Anoki-Übungsheft

3  $\circ$  2  
5  $\circ$  6  
9  $\circ$  10  
6  $\circ$  5  
6  $\circ$  7  
4  $\circ$  0

4  $\circ$  2  
1  $\circ$  10  
4  $\circ$  4  
3  $\circ$  8  
2  $\circ$  4  
8  $\circ$  9  
5  $\circ$  10

Größer, kleiner, gleich

3

## Übungsseiten

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

Mach Pause!

20 - 5    9 + 6  
1 + 10    3 + 2

## Mach-Pause-Seiten

Hier kannst du knobeln, malen oder rätseln.

Teste dich!

+ 7 = \_\_\_    4 + 8 = \_\_\_  
6 = \_\_\_    8 + 4 = \_\_\_  
12 = \_\_\_    5 + 14 = \_\_\_  
4 = \_\_\_    14 + 5 = \_\_\_

## Teste-dich-Seiten

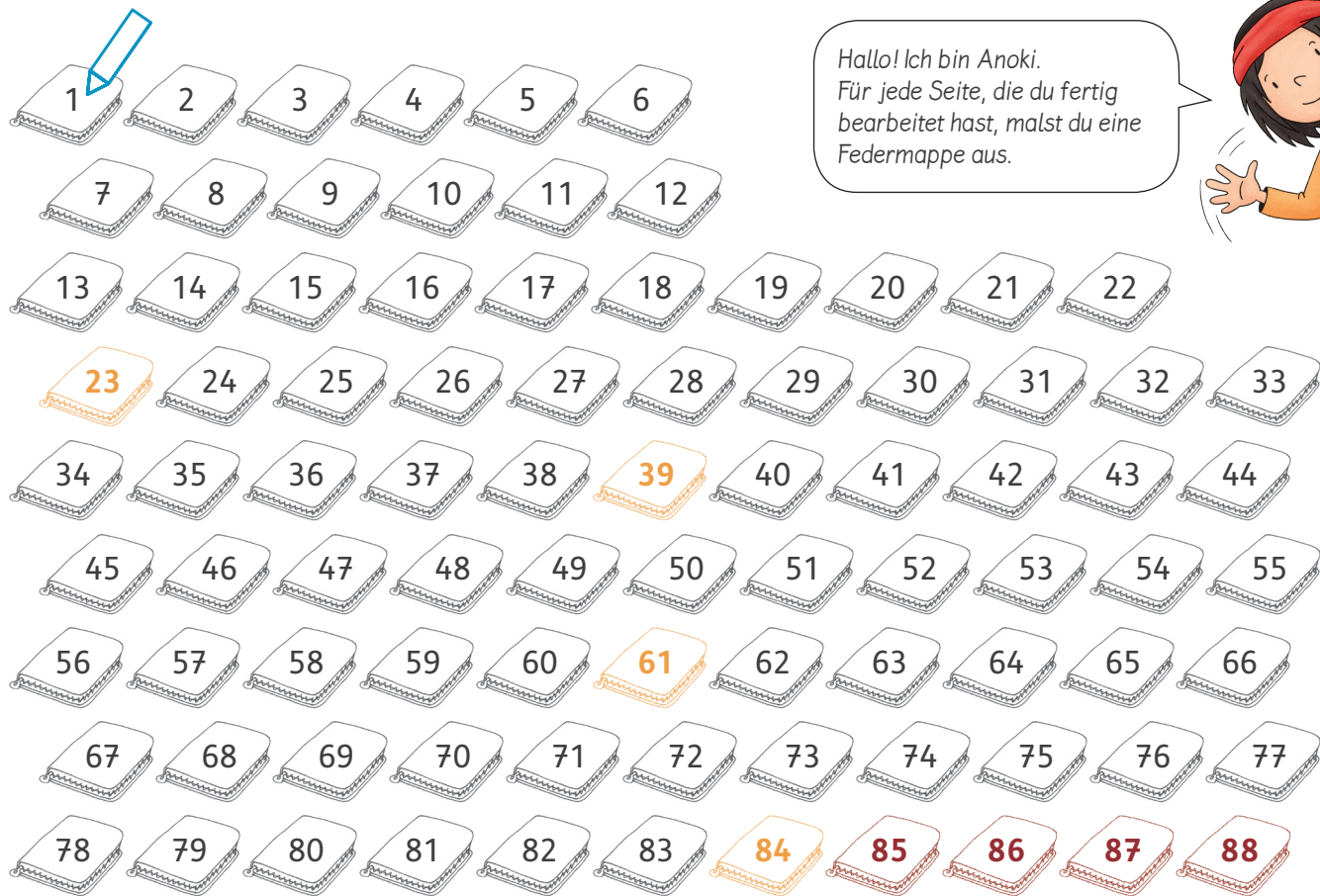
Hier kannst du dein Wissen testen.



Für **weitere Informationen** zu den Anoki-Übungsheften den QR-Code scannen oder **5f5m29** auf [www.klett.de](http://www.klett.de) eingeben.



Für **Lösungen** zu diesem Anoki-Übungsheft den QR-Code scannen oder **v66a3f** auf [www.klett.de](http://www.klett.de) eingeben.



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



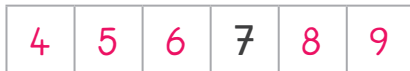
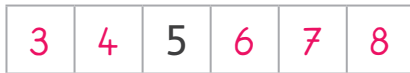
1



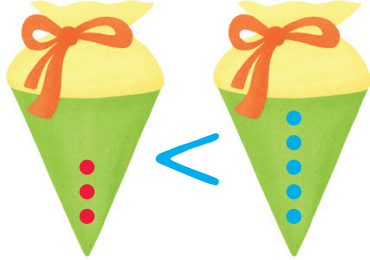
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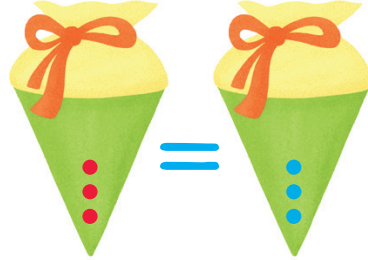
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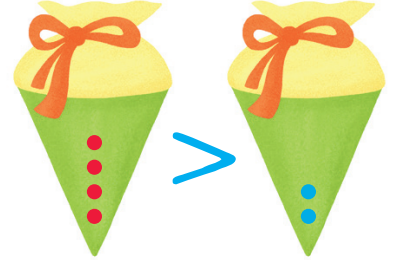
1



$$3 < 5$$



$$3 = 3$$



$$4 > 2$$

2

$$8 > 2$$

$$3 < 5$$

$$3 > 2$$

$$1 < 10$$

$$1 < 7$$

$$7 > 6$$

$$5 < 6$$

$$4 = 4$$

$$6 > 4$$

$$4 > 1$$

$$9 < 10$$

$$3 < 8$$

3

$$5 > 2$$

$$10 > 9$$

$$6 > 5$$

$$2 < 4$$

$$6 = 6$$

$$2 < 4$$

$$6 < 7$$

$$8 < 9$$

$$9 > 3$$

$$0 < 5$$

$$4 > 0$$

$$5 > 3$$

Größer, kleiner, gleich

1



1



2



3



4



5



6



7



8



9



10

2



6



3



0



9



2

3



4



10

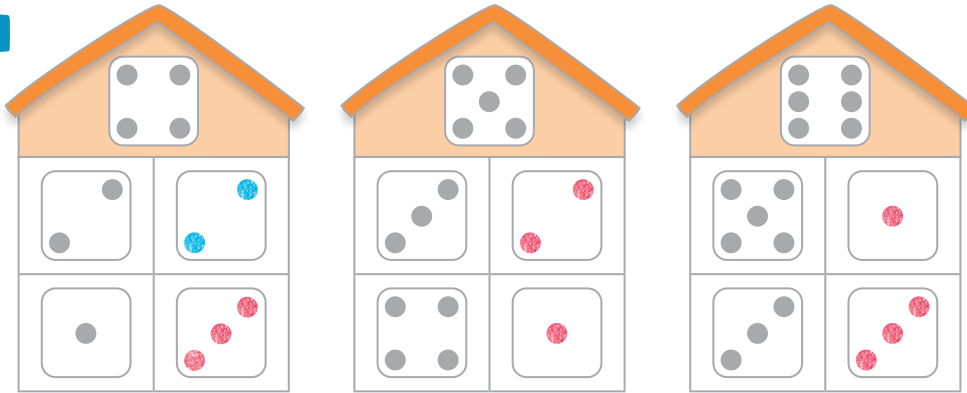


1



7

1



Zahlen bis 10 zerlegen

2

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

1



$$5 + 3 = \underline{8}$$



$$4 + 6 = \underline{10}$$



$$7 + 1 = \underline{8}$$



2



$$7 + 2 = \underline{9}$$



$$3 + 4 = \underline{7}$$



$$6 + 0 = \underline{6}$$

3

$$3 + 4 = \underline{7}$$

$$2 + 1 = \underline{3}$$

$$3 + 5 = \underline{8}$$

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

$$3 + 6 = \underline{9}$$

$$2 + 3 = \underline{5}$$

$$3 + 7 = \underline{10}$$

$$2 + 4 = \underline{6}$$

4

$$4 + 2 = \underline{6}$$

$$9 + 1 = \underline{10}$$

$$5 + 2 = \underline{7}$$

$$8 + 1 = \underline{9}$$

$$6 + 2 = \underline{8}$$

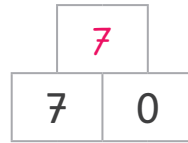
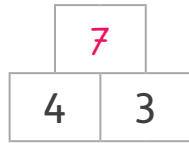
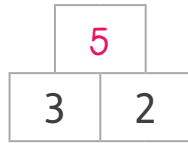
$$7 + 1 = \underline{8}$$

$$7 + 2 = \underline{9}$$

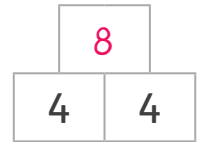
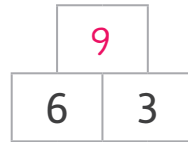
$$6 + 1 = \underline{7}$$



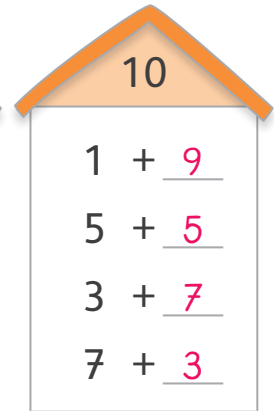
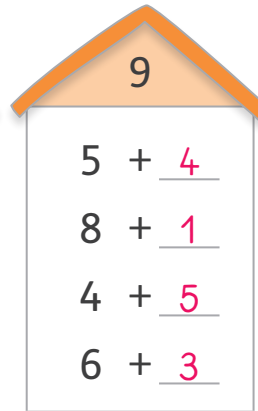
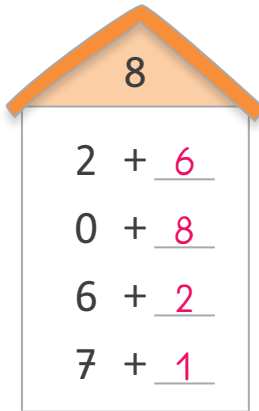
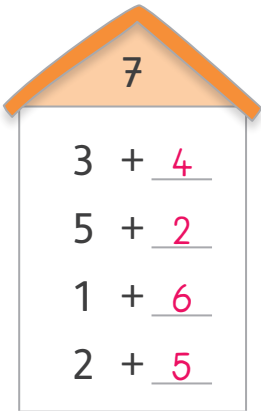
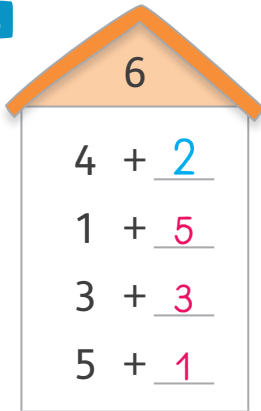
1



2



3



1



$$9 - 2 = \underline{7}$$



$$7 - 1 = \underline{6}$$



$$5 - 3 = \underline{2}$$



2



$$3 - 1 = \underline{2}$$



$$4 - 4 = \underline{0}$$



$$6 - 2 = \underline{4}$$

3

$$5 - 1 = \underline{4}$$

$$9 - 5 = \underline{4}$$

$$5 - 2 = \underline{3}$$

$$9 - 6 = \underline{3}$$

$$5 - 3 = \underline{2}$$

$$9 - 7 = \underline{2}$$

$$5 - 4 = \underline{1}$$

$$9 - 8 = \underline{1}$$

4

$$6 - 3 = \underline{3}$$

$$10 - 4 = \underline{6}$$

$$7 - 3 = \underline{4}$$

$$9 - 4 = \underline{5}$$

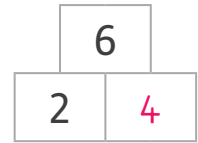
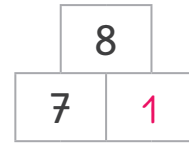
$$8 - 3 = \underline{5}$$

$$8 - 4 = \underline{4}$$

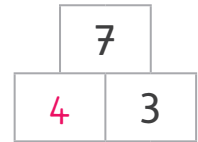
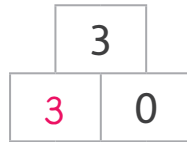
$$9 - 3 = \underline{6}$$

$$7 - 4 = \underline{3}$$

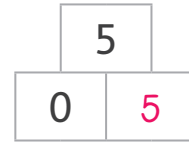
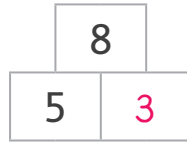
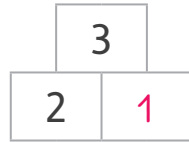
1



2



3



4

$6 - 4 = \underline{2}$

$8 - 4 = \underline{4}$

$5 - 4 = \underline{1}$

$9 - 3 = \underline{6}$

$3 - 3 = \underline{0}$

$5 - 3 = \underline{2}$

5

$9 - 2 = \underline{7}$

$3 - 2 = \underline{1}$

$6 - 2 = \underline{4}$

$9 - 5 = \underline{4}$

$5 - 5 = \underline{0}$

$8 - 5 = \underline{3}$

1

10

4 + <u>6</u>	
1 + <u>9</u>	
0 + <u>10</u>	

10

6 + <u>4</u>	
2 + <u>8</u>	
7 + <u>3</u>	

10

<u>10</u> + 0	
<u>2</u> + 8	
<u>7</u> + 3	

10

<u>1</u> + 9	
<u>9</u> + 1	
<u>8</u> + 2	

10

8 + <u>2</u>	
<u>5</u> + 5	
9 + <u>1</u>	

2

5 + 5 = 10  
 4 + 6 = 10  
 9 + 1 = 10

9 + 1 = 10  
2 + 8 = 10  
3 + 7 = 10

10 = 6 + 4  
 10 = 10 + 0  
 10 = 3 + 7

10 - 3 = 7  
 10 - 2 = 8  
 10 - 7 = 3

3

10	
3	7

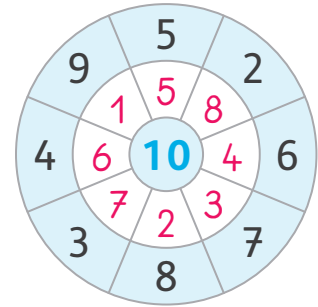
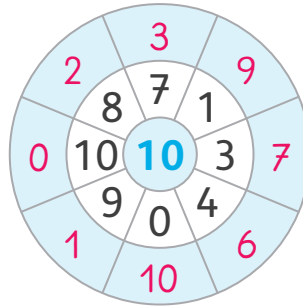
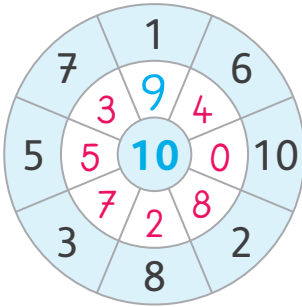
10	
5	5

10	
6	4

10	
1	9

10	
9	1

1



2

$$10 = 0 + \underline{10}$$

$$10 = 1 + \underline{9}$$

$$10 = 2 + \underline{8}$$

$$10 = 3 + \underline{7}$$

$$10 = 4 + \underline{6}$$

$$10 = 5 + \underline{5}$$

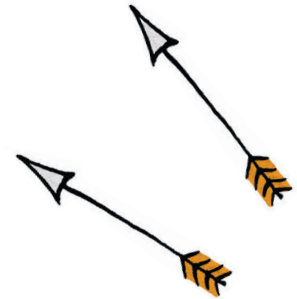
$$10 = 6 + \underline{4}$$

$$10 = 7 + \underline{3}$$

$$10 = 8 + \underline{2}$$

$$10 = 9 + \underline{1}$$

$$10 = 10 + \underline{0}$$

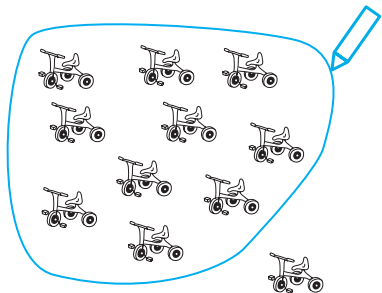


Aufgaben mit 10

3

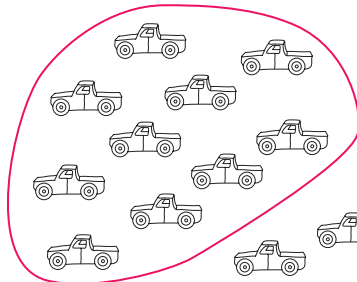


1



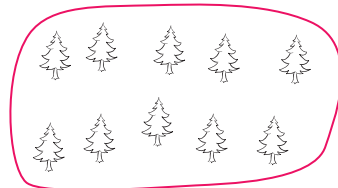
Zehner Einer

1    1    11



Zehner Einer

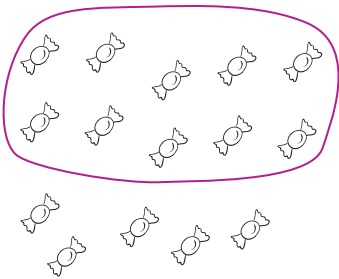
1    2    12



Zehner Einer

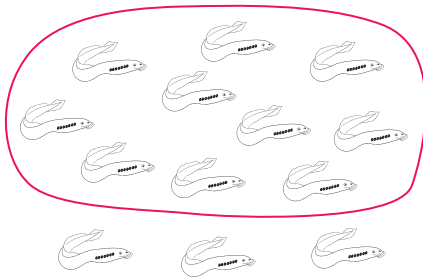
1    6    16

2



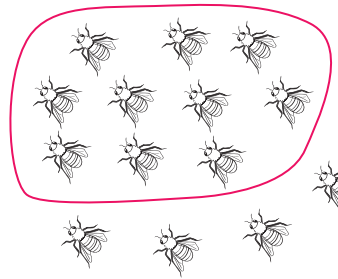
Zehner Einer

1    5    15



Zehner Einer

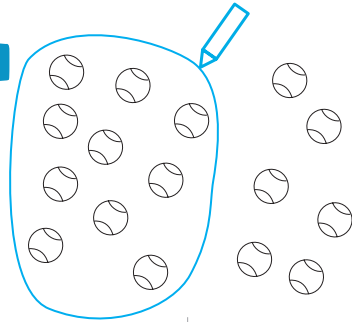
1    3    13



Zehner Einer

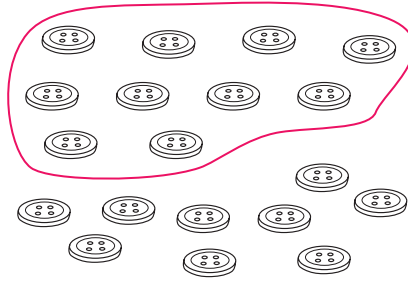
1    4    14

1



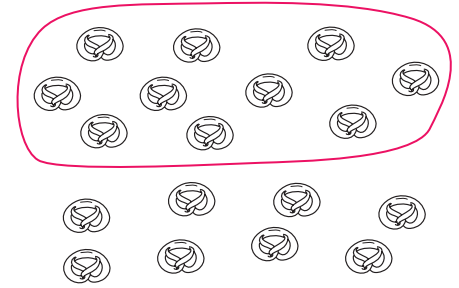
Zehner Einer

1 6 16



Zehner Einer

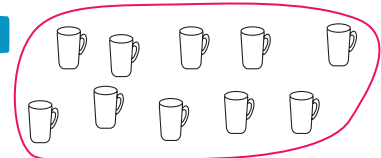
1 9 19



Zehner Einer

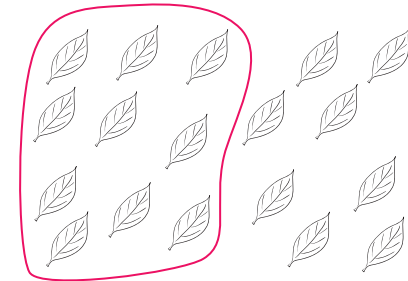
1 8 18

2



Zehner Einer

2 0 20



Zehner Einer

1 8 18

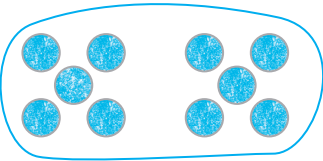


Zehner Einer

1 5 15

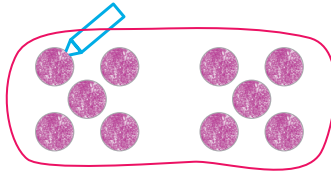
Zahlen bis 20 – Bündeln

1



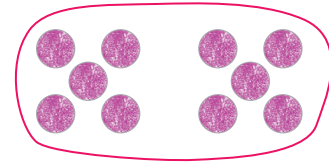
**Zehner** **Einer**

1    2    12



**Zehner** **Einer**

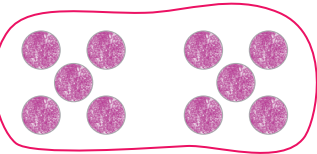
1    4    14



**Zehner** **Einer**

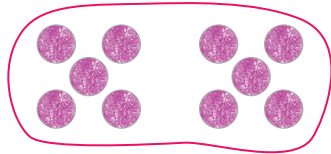
1    1    11

2



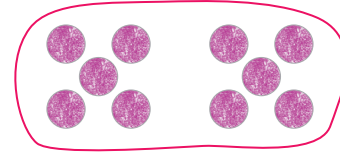
**Zehner** **Einer**

1    3    13



**Zehner** **Einer**

1    5    15

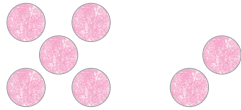
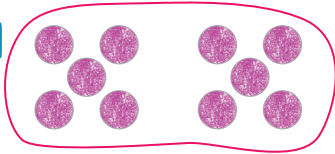


**Zehner** **Einer**

1    0    10

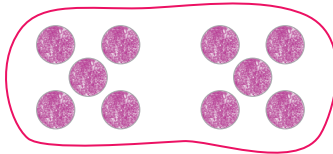


1



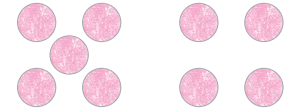
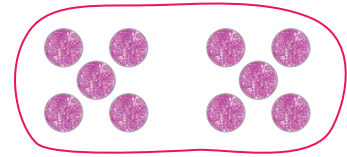
Zehner Einer

1	7	17
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Zehner Einer

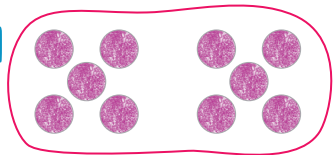
1	6	16
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Zehner Einer

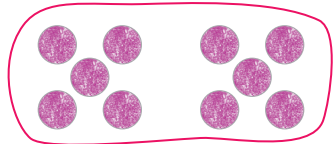
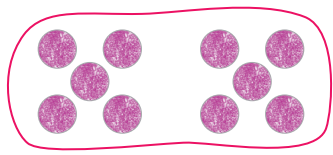
1	9	19
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2



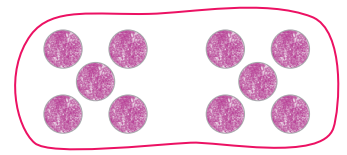
Zehner Einer

1	8	18
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Zehner Einer

2	0	20
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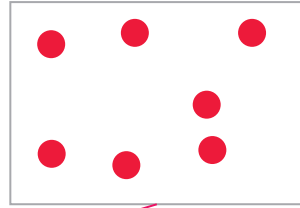
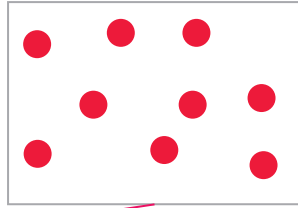
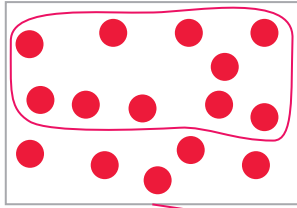
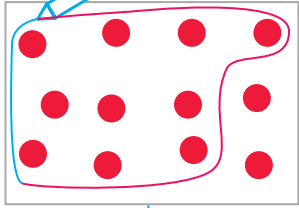


Zehner Einer

1	6	16
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Zahlen bis 20 – Bündeln

1



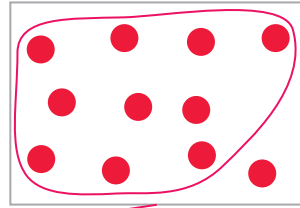
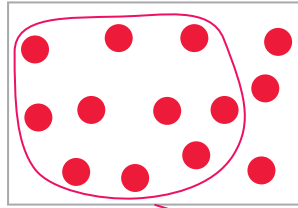
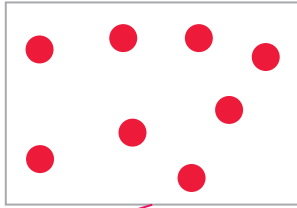
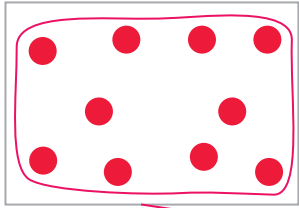
9

12

7

15

2



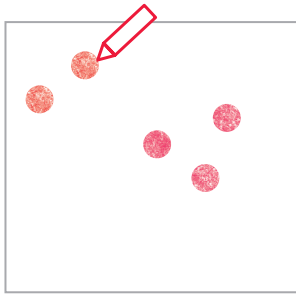
8

11

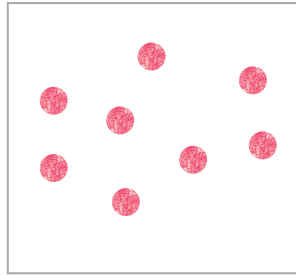
10

13

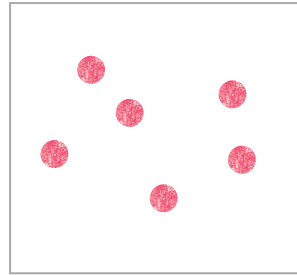
1



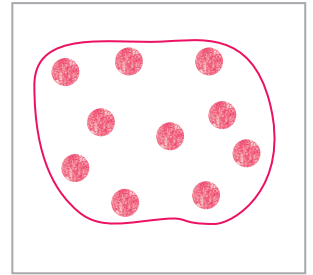
5



8

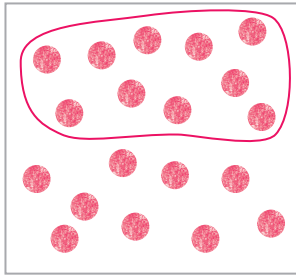


6

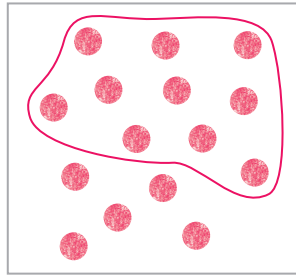


10

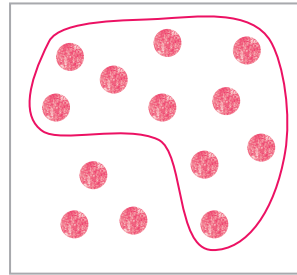
2



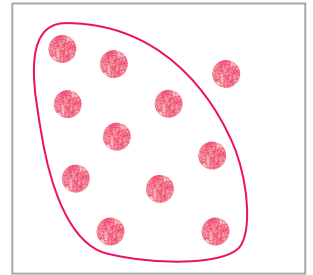
19



15



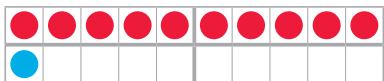
13



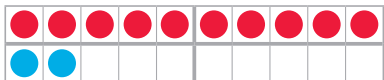
11

Anzahlen

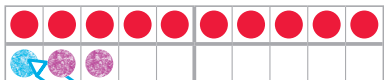
1



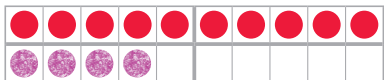
$$11 = 10 + \underline{1}$$



$$12 = 10 + \underline{2}$$



$$13 = 10 + \underline{3}$$

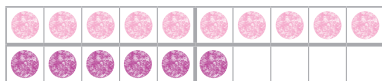


$$14 = 10 + \underline{4}$$

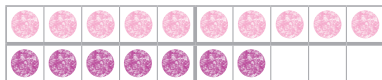


$$15 = 10 + \underline{5}$$

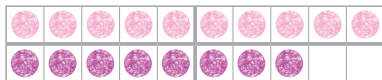
2



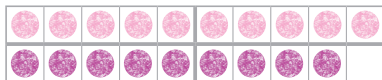
$$16 = 10 + \underline{6}$$



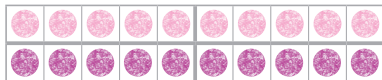
$$17 = 10 + \underline{7}$$



$$18 = 10 + \underline{8}$$



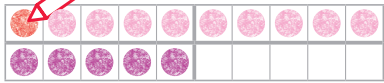
$$19 = 10 + \underline{9}$$



$$20 = 10 + \underline{10}$$



1



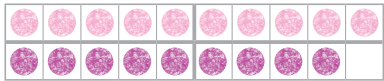
$$15 = 10 + \underline{5}$$



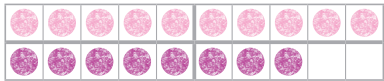
$$14 = 10 + \underline{4}$$



$$11 = 10 + \underline{1}$$

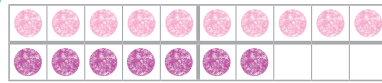


$$19 = 10 + \underline{9}$$



$$18 = 10 + \underline{8}$$

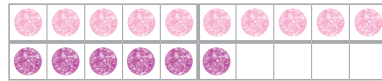
2



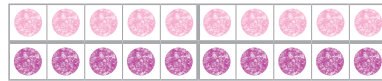
$$17 = 10 + \underline{7}$$



$$12 = 10 + \underline{2}$$



$$16 = 10 + \underline{6}$$



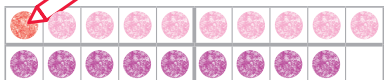
$$20 = 10 + \underline{10}$$



$$13 = 10 + \underline{3}$$



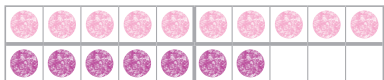
1



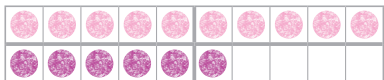
$$19 = \underline{10} + \underline{9}$$



$$12 = \underline{10} + \underline{2}$$



$$17 = \underline{10} + \underline{7}$$

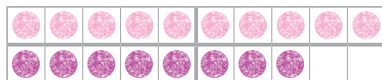


$$16 = \underline{10} + \underline{6}$$

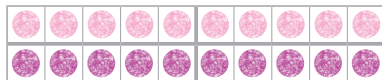


$$11 = \underline{10} + \underline{1}$$

2



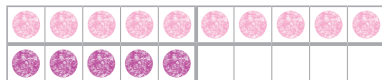
$$18 = \underline{10} + \underline{8}$$



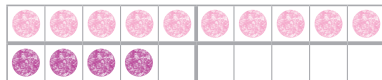
$$20 = \underline{10} + \underline{10}$$



$$13 = \underline{10} + \underline{3}$$



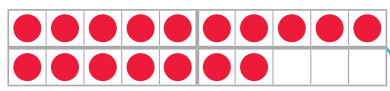
$$15 = \underline{10} + \underline{5}$$



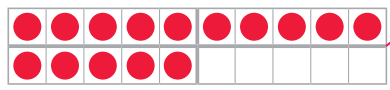
$$14 = \underline{10} + \underline{4}$$



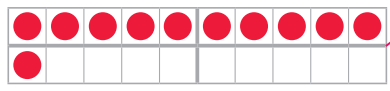
1



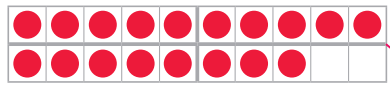
$15 = 10 + 5$



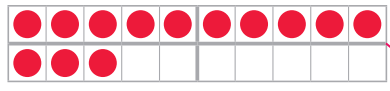
$11 = 10 + 1$



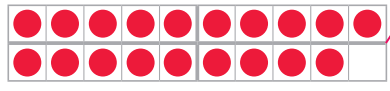
$17 = 10 + 7$



$19 = 10 + 9$



$18 = 10 + 8$



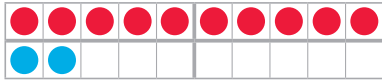
$13 = 10 + 3$

2

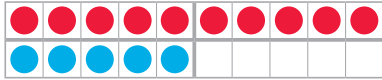


Aufgaben bis 20

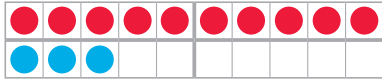
1



$$10 + 2 = \underline{12}$$

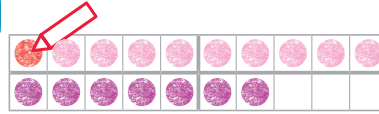


$$10 + 5 = \underline{15}$$

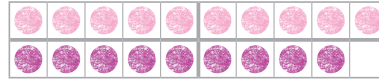


$$10 + 3 = \underline{13}$$

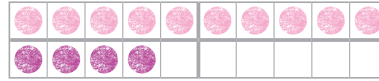
2



$$10 + 7 = \underline{17}$$



$$10 + 9 = \underline{19}$$



$$10 + 4 = \underline{14}$$



3

$$10 + 0 = \underline{10}$$

$$10 + 8 = \underline{18}$$

$$10 + 1 = \underline{11}$$

$$10 + 5 = \underline{15}$$

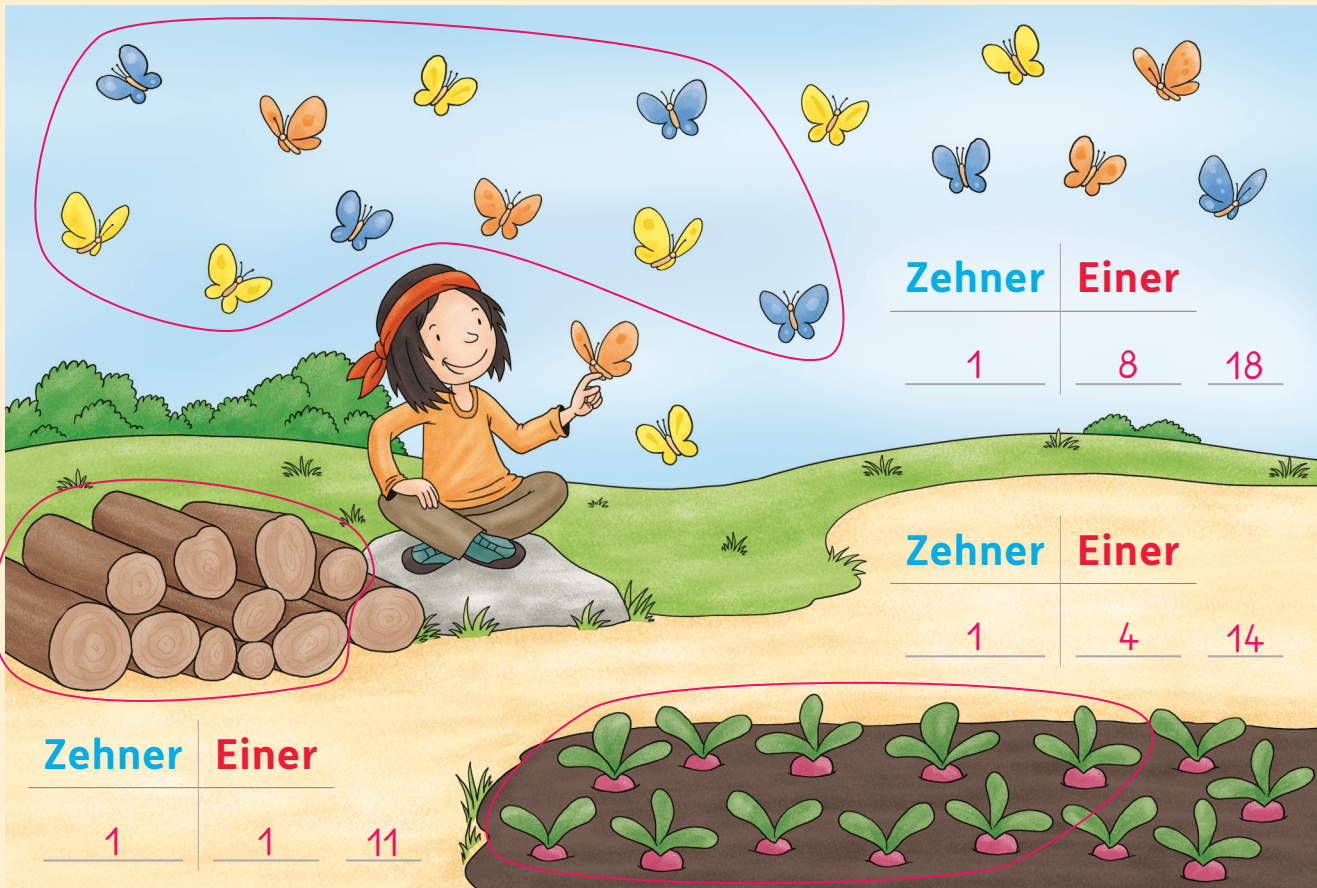
$$10 + 3 = \underline{13}$$

$$10 + 7 = \underline{17}$$

$$10 + 2 = \underline{12}$$

$$10 + 10 = \underline{20}$$



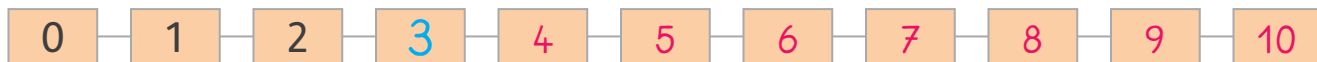


Zehner	Einer
1	8
18	

Zehner	Einer
1	4
14	

Zehner	Einer
1	1
11	

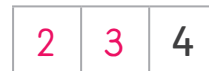
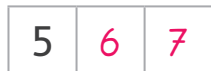
1



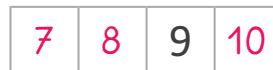
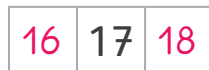
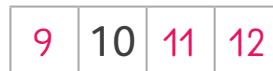
2



3



4



1



2

Vorgänger	Zahl	Nachfolger
2	3	4
15	16	17
9	10	11

Vorgänger: V  
Zahl: Z  
Nachfolger: N



Vorgänger und Nachfolger

3

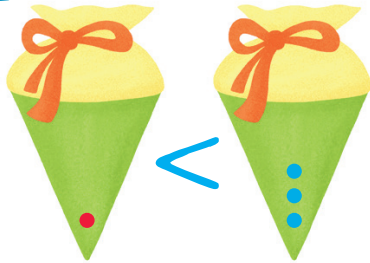
V	Z	N
6	7	8
18	19	20
14	15	16

V	Z	N
3	4	5
14	15	16
17	18	19

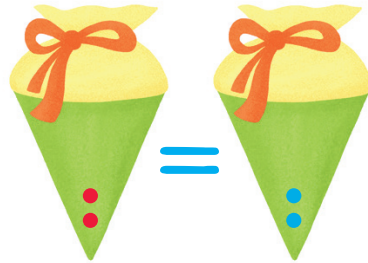
V	Z	N
1	2	3
11	12	13
16	17	18

V	Z	N
4	5	6
13	14	15
0	1	2

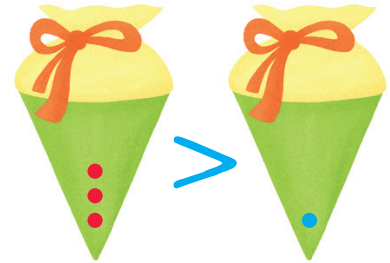
1



$$\underline{1} < \underline{3}$$



$$\underline{2} = \underline{2}$$



$$\underline{3} > \underline{1}$$

2

$$3 > 1$$

$$7 > 4$$

$$5 = 5$$

$$6 < 9$$

$$13 > 11$$

$$17 > 14$$

$$15 = 15$$

$$16 < 19$$

3

$$5 < 8$$

$$1 = 1$$

$$6 < 7$$

$$3 < 6$$

$$15 < 18$$

$$11 = 11$$

$$16 < 17$$

$$13 < 16$$

1

$7 < 9$

$8 > 2$

$6 < 8$

$2 < 10$

$9 > 7$

$2 < 8$

$8 > 6$

$10 > 2$

$17 < 19$

$18 > 12$

$16 < 18$

$12 < 20$

$19 > 17$

$12 < 18$

$18 > 16$

$20 > 12$

2

$6 < 18$

$17 > 5$

$3 < 9$

$8 > 4$

$16 > 8$

$7 < 15$

$13 > 9$

$8 < 14$

$8 < 16$

$17 > 15$

$3 < 19$

$18 > 4$

$18 > 6$

$7 > 5$

$13 < 19$

$18 > 14$

3

$1 < 5$

$17 > 12$

$6 < 18$

$12 < 20$

$6 > 0$

$13 < 16$

$18 > 15$

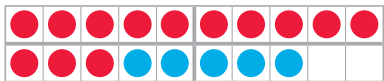
$19 > 10$

Größer, kleiner, gleich

1



$$3 + 5 = \underline{8}$$



$$13 + 5 = \underline{18}$$



$$5 + 2 = \underline{7}$$



$$15 + 2 = \underline{17}$$



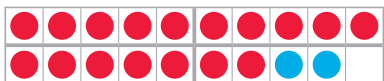
$$1 + 9 = \underline{10}$$



$$11 + 9 = \underline{20}$$



$$7 + 2 = \underline{9}$$



$$17 + 2 = \underline{19}$$

2

$$6 + 3 = \underline{9}$$

$$16 + 3 = \underline{19}$$

$$8 + 2 = \underline{10}$$

$$18 + 2 = \underline{20}$$

$$2 + 7 = \underline{9}$$

$$12 + 7 = \underline{19}$$

$$4 + 4 = \underline{8}$$

$$14 + 4 = \underline{18}$$

$$8 + 1 = \underline{9}$$

$$18 + 1 = \underline{19}$$



1

$7 + 2 = \underline{9}$

$9 + 1 = \underline{10}$

$1 + 8 = \underline{9}$

$5 + 4 = \underline{9}$

$17 + 2 = \underline{19}$

$19 + 1 = \underline{20}$

$11 + 8 = \underline{19}$

$15 + 4 = \underline{19}$

$1 + 3 = \underline{4}$

$7 + 1 = \underline{8}$

$6 + 1 = \underline{7}$

$5 + 2 = \underline{7}$

$11 + 3 = \underline{14}$

$17 + 1 = \underline{18}$

$16 + 1 = \underline{17}$

$15 + 2 = \underline{17}$

$5 + 5 = \underline{10}$

$2 + 5 = \underline{7}$

$7 + 0 = \underline{7}$

$2 + 3 = \underline{5}$

$15 + 5 = \underline{20}$

$12 + 5 = \underline{17}$

$17 + 0 = \underline{17}$

$12 + 3 = \underline{15}$

2

$13 + 4 = \underline{17}$

$14 + 2 = \underline{16}$

$13 + 5 = \underline{18}$

$17 + 3 = \underline{20}$

$16 + 2 = \underline{18}$

$11 + 8 = \underline{19}$

$18 + 2 = \underline{20}$

$15 + 3 = \underline{18}$

$13 + 6 = \underline{19}$

$12 + 8 = \underline{20}$

$18 + 1 = \underline{19}$

$11 + 5 = \underline{16}$

$15 + 4 = \underline{19}$

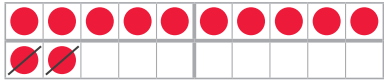
$14 + 5 = \underline{19}$

$12 + 3 = \underline{15}$

$13 + 2 = \underline{15}$

Ähnliche Aufgaben (+)

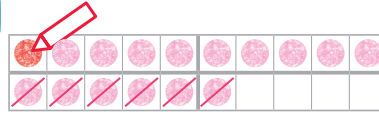
1



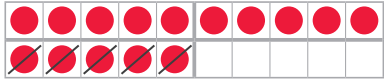
$$12 - 2 = \underline{10}$$



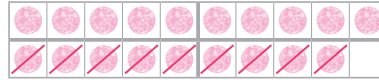
2



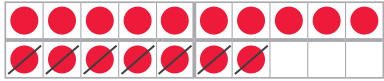
$$16 - 6 = \underline{10}$$



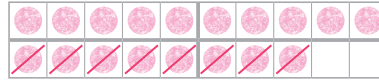
$$15 - 5 = \underline{10}$$



$$19 - 9 = \underline{10}$$



$$17 - 7 = \underline{10}$$



$$18 - 8 = \underline{10}$$

3

$$15 - 5 = \underline{10}$$

$$11 - 1 = \underline{10}$$

$$20 - \underline{10} = 10$$

$$13 - \underline{3} = 10$$

$$16 - 6 = \underline{10}$$

$$10 - 0 = \underline{10}$$

$$16 - \underline{6} = 10$$

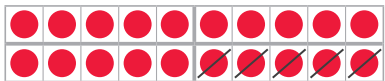
$$15 - \underline{5} = 10$$



1



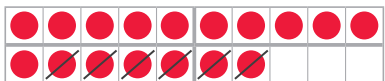
$$10 - 5 = \underline{5}$$



$$20 - 5 = \underline{15}$$



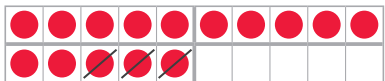
$$7 - 6 = \underline{1}$$



$$17 - 6 = \underline{11}$$



$$5 - 3 = \underline{2}$$



$$15 - 3 = \underline{12}$$



$$8 - 2 = \underline{6}$$



$$18 - 2 = \underline{16}$$

2

$$6 - 4 = \underline{2}$$

$$16 - 4 = \underline{12}$$

$$4 - 2 = \underline{2}$$

$$14 - 2 = \underline{12}$$

$$7 - 2 = \underline{5}$$

$$17 - 2 = \underline{15}$$

$$5 - 4 = \underline{1}$$

$$15 - 4 = \underline{11}$$

$$8 - 1 = \underline{7}$$

$$18 - 1 = \underline{17}$$



Ähnliche Aufgaben (-)

1

$4 - 1 = \underline{3}$

$8 - 5 = \underline{3}$

$6 - 6 = \underline{0}$

$5 - 1 = \underline{4}$

$14 - 1 = \underline{13}$

$18 - 5 = \underline{13}$

$16 - 6 = \underline{10}$

$15 - 1 = \underline{14}$

$5 - 5 = \underline{0}$

$3 - 2 = \underline{1}$

$4 - 3 = \underline{1}$

$8 - 6 = \underline{2}$

$15 - 5 = \underline{10}$

$13 - 2 = \underline{11}$

$14 - 3 = \underline{11}$

$18 - 6 = \underline{12}$

$9 - 9 = \underline{0}$

$2 - 1 = \underline{1}$

$7 - 7 = \underline{0}$

$9 - 8 = \underline{1}$

$19 - 9 = \underline{10}$

$12 - 1 = \underline{11}$

$17 - 7 = \underline{10}$

$19 - 8 = \underline{11}$

2

$11 - 1 = \underline{10}$

$13 - 1 = \underline{12}$

$19 - 2 = \underline{17}$

$18 - 4 = \underline{14}$

$20 - 3 = \underline{17}$

$19 - 5 = \underline{14}$

$15 - 4 = \underline{11}$

$16 - 5 = \underline{11}$

$19 - 7 = \underline{12}$

$17 - 4 = \underline{13}$

$20 - 7 = \underline{13}$

$17 - 1 = \underline{16}$

$17 - 2 = \underline{15}$

$15 - 4 = \underline{11}$

$16 - 2 = \underline{14}$

$19 - 4 = \underline{15}$

1

+	2	5
1	3	6
3	5	8

+	6	4
1	7	5
3	9	7

2

+	5	2
13	18	15
14	19	16

+	5	2
15	20	17
10	15	12

3

+	4	6
4	8	10
2	6	8

+	3	5
4	7	9
2	5	7

4

+	3	1
11	14	12
16	19	17

+	4	0
10	14	10
14	18	14

5

+	3	1
7	10	8
6	9	7

+	3	6
3	6	9
0	3	6

6

+	6	8
11	17	19
12	18	20

+	6	4
13	19	17
14	20	18

Plusstellen

1

-	3	1
7	4	6
8	5	7

-	5	6
7	2	1
8	3	2

2

-	6	4
17	11	13
16	10	12

-	3	5
17	14	12
16	13	11

3

-	4	5
9	5	4
5	1	0

-	3	1
9	6	8
5	2	4

4

-	1	4
15	14	11
16	15	12

-	2	3
18	16	15
16	14	13

5

-	4	5
10	6	5
6	2	1

-	3	2
8	5	6
7	4	5

6

-	7	9
19	12	10
20	13	11

-	8	6
19	11	13
20	12	14

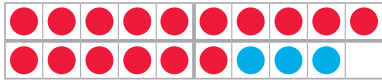
1



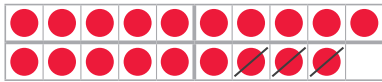
$$6 + 3 = \underline{9}$$



$$9 - 3 = \underline{6}$$



$$16 + 3 = \underline{19}$$



$$19 - 3 = \underline{16}$$



2

$$3 + 4 = \underline{7}$$

$$7 - 4 = \underline{3}$$

$$13 + 4 = \underline{17}$$

$$17 - 4 = \underline{13}$$

$$6 + 4 = \underline{10}$$

$$10 - 4 = \underline{6}$$

$$16 + 4 = \underline{20}$$

$$20 - 4 = \underline{16}$$

3

$$5 + 4 = \underline{9}$$

$$9 - 4 = \underline{5}$$

$$15 + 4 = \underline{19}$$

$$19 - 4 = \underline{15}$$

$$5 + 2 = \underline{7}$$

$$7 - 2 = \underline{5}$$

$$15 + 2 = \underline{17}$$

$$17 - 2 = \underline{15}$$

1

$19 - 7 = 12$

$12 + 7 = 19$

$13 - 2 = 11$

$11 + 2 = 13$

$18 - 7 = 11$

$11 + 7 = 18$

$17 - 5 = 12$

$12 + 5 = 17$

$14 - 3 = 11$

$11 + 3 = 14$

$16 - 6 = 10$

$10 + 6 = 16$

$13 - 3 = 10$

$10 + 3 = 13$

$14 - 2 = 12$

$12 + 2 = 14$

2

$15 - 5 = 10$

$10 + 5 = 15$

$18 - 1 = 17$

$17 + 1 = 18$

$14 - 3 = 11$

$11 + 3 = 14$

$12 - 1 = 11$

$11 + 1 = 12$

3

17	
13	4

17	
13	4

12	
10	2

12	
10	2

19	
3	16

19	
3	16

1

3	5	8
---	---	---

$3 + 5 = \underline{8}$

$5 + 3 = \underline{8}$

$8 - 3 = \underline{5}$

$8 - 5 = \underline{3}$

2	7	9
---	---	---

$2 + 7 = \underline{9}$

$7 + 2 = \underline{9}$

$9 - 2 = \underline{7}$

$9 - 7 = \underline{2}$

3	6	9
---	---	---

$3 + 6 = \underline{9}$

$6 + 3 = \underline{9}$

$9 - 3 = \underline{6}$

$9 - 6 = \underline{3}$

2

2	3	5
---	---	---

$2 + \underline{3} = \underline{5}$

$3 + \underline{2} = \underline{5}$

$5 - \underline{2} = \underline{3}$

$5 - \underline{3} = \underline{2}$

1	5	6
---	---	---

$1 + \underline{5} = \underline{6}$

$5 + \underline{1} = \underline{6}$

$6 - \underline{1} = \underline{5}$

$6 - \underline{5} = \underline{1}$

2	4	6
---	---	---

$2 + \underline{4} = \underline{6}$

$4 + \underline{2} = \underline{6}$

$6 - \underline{2} = \underline{4}$

$6 - \underline{4} = \underline{2}$

Aufgabenfamilien

1

4	15	19
---	----	----

$4 + 15 = 19$

$15 + 4 = 19$

$19 - 4 = 15$

$19 - 15 = 4$

1	18	19
---	----	----

$1 + 18 = 19$

$18 + 1 = 19$

$19 - 1 = 18$

$19 - 18 = 1$

3	15	18
---	----	----

$3 + 15 = 18$

$15 + 3 = 18$

$18 - 3 = 15$

$18 - 15 = 3$

2

6	13	19
---	----	----

$6 + 13 = 19$

$13 + 6 = 19$

$19 - 6 = 13$

$19 - 13 = 6$

2	17	19
---	----	----

$2 + 17 = 19$

$17 + 2 = 19$

$19 - 2 = 17$

$19 - 17 = 2$

6	12	18
---	----	----

$6 + 12 = 18$

$12 + 6 = 18$

$18 - 6 = 12$

$18 - 12 = 6$





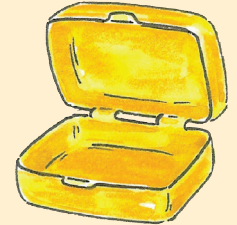
$$6 + 7 = 13$$



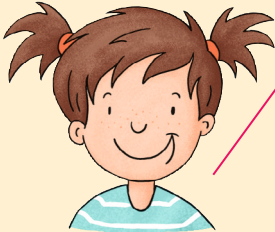
$$14 - 9 = 5$$



$$5 + 9 = 14$$



$$13 - 7 = 6$$



$$9 + 5 = 14$$



$$13 - 6 = 7$$



$$7 + 6 = 13$$



$$14 - 5 = 9$$

1



$$5 + 5 = 10$$



$$2 + 2 = 4$$



$$4 + 4 = 8$$



$$3 + 3 = 6$$

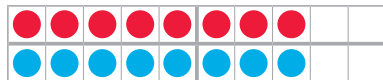


$$6 + 6 = 12$$

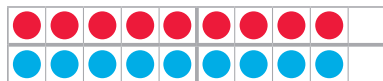


$$1 + 1 = 2$$


2



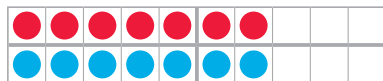
$$8 + 8 = 16$$



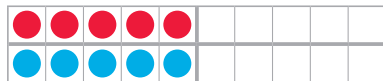
$$9 + 9 = 18$$



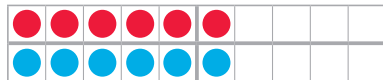
$$2 + 2 = 4$$



$$7 + 7 = 14$$



$$5 + 5 = 10$$

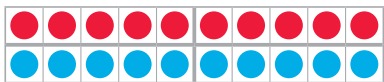


$$6 + 6 = 12$$

1



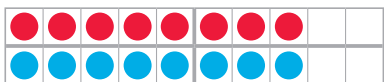
$$6 = \underline{3} + \underline{3}$$



$$20 = \underline{10} + \underline{10}$$



$$18 = \underline{9} + \underline{9}$$



$$16 = \underline{8} + \underline{8}$$



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



$$12 = \underline{6} = \underline{6}$$



2

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

$$10 = \underline{5} + \underline{5}$$

$$14 = \underline{7} + \underline{7}$$

$$12 = \underline{6} + \underline{6}$$

$$16 = \underline{8} + \underline{8}$$

$$2 = \underline{1} + \underline{1}$$

3

$$14 - 7 = \underline{7}$$

$$12 - 6 = \underline{6}$$

$$18 - 9 = \underline{9}$$

$$8 - 4 = \underline{4}$$

1

$2 + \underline{8} = 10$

$8 + \underline{2} = 10$

$6 + \underline{4} = 10$

$5 + \underline{5} = 10$

$1 + \underline{9} = 10$

$0 + \underline{10} = 10$

2

$9 + \underline{1} = 10$

$7 + \underline{3} = 10$

$3 + \underline{7} = 10$

$5 + \underline{5} = 10$

$9 + \underline{1} = 10$

$10 + \underline{0} = 10$

3

$1 + \underline{9} = 10$

$2 + \underline{8} = 10$

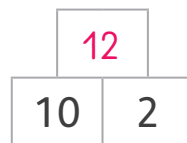
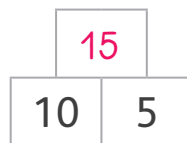
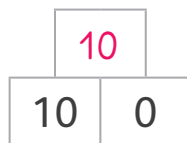
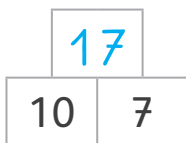
$7 + \underline{3} = 10$

$8 + \underline{2} = 10$

$4 + \underline{6} = 10$

$5 + \underline{5} = 10$

4



5



1

$$3 + 2 + 4 = \underline{9}$$

$$2 + 3 + 3 = \underline{8}$$

$$1 + 4 + 2 = \underline{7}$$

$$5 + 0 + 1 = \underline{6}$$

$$4 + 1 + 3 = \underline{8}$$

$$0 + 5 + 1 = \underline{6}$$

$$4 + 1 + 5 = \underline{10}$$

$$2 + 3 + 4 = \underline{9}$$

$$5 + 0 + 3 = \underline{8}$$

2

$$10 + 2 + 3 = \underline{15}$$

$$10 + 5 + 2 = \underline{17}$$

$$10 + 6 + 3 = \underline{19}$$

$$10 + 5 + 4 = \underline{19}$$

$$10 + 3 + 2 = \underline{15}$$

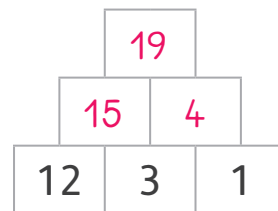
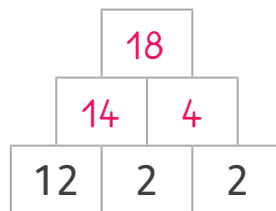
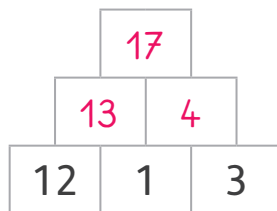
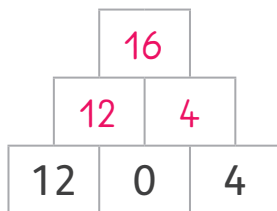
$$10 + 4 + 4 = \underline{18}$$

$$10 + 8 + 1 = \underline{19}$$

$$10 + 0 + 9 = \underline{19}$$

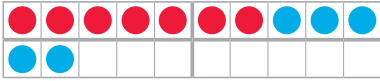
$$10 + 6 + 4 = \underline{20}$$

3



Kettenaufgaben (+)

1



$$7 + \underline{5} = \underline{12}$$

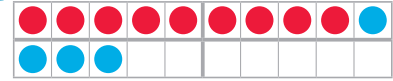
$$7 + \underline{3} = 10$$

$$10 + \underline{2} = \underline{12}$$

Erst plus 3 bis zur 10.  
 $7 + 3 = 10$   
 Dann noch plus 2.  
 $10 + 2 = 12$



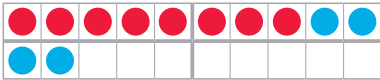
2



$$9 + \underline{4} = \underline{13}$$

$$9 + \underline{1} = 10$$

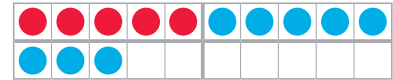
$$10 + \underline{3} = \underline{13}$$



$$8 + \underline{4} = \underline{12}$$

$$8 + \underline{2} = 10$$

$$10 + \underline{2} = \underline{12}$$



$$5 + \underline{8} = \underline{13}$$

$$5 + \underline{5} = 10$$

$$10 + \underline{3} = \underline{13}$$

1



$$5 + 7 = 12$$

$$5 + 5 = 10$$

$$10 + 2 = 12$$



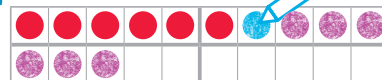
$$9 + 7 = 16$$

$$9 + 1 = 10$$

$$10 + 6 = 16$$



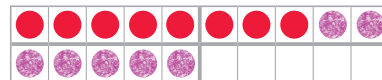
2



$$6 + 7 = 13$$

$$6 + 4 = 10$$

$$10 + 3 = 13$$



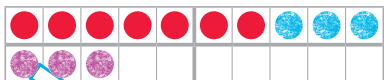
$$8 + 7 = 15$$

$$8 + 2 = 10$$

$$10 + 5 = 15$$

Erst bis zur 10 (+)

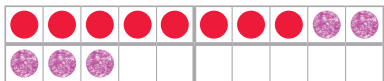
1



$$\begin{array}{r} 7 + 6 = 13 \\ \hline \end{array}$$

$$\begin{array}{r} 7 + 3 = 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 + 3 = 13 \\ \hline \end{array}$$



$$\begin{array}{r} 8 + 5 = 13 \\ \hline \end{array}$$

$$\begin{array}{r} 8 + 2 = 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 + 3 = 13 \\ \hline \end{array}$$

2

$$\begin{array}{r} 7 + 8 = 15 \\ \hline \end{array}$$

$$\begin{array}{r} 7 + 3 = 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 + 5 = 15 \\ \hline \end{array}$$

$$\begin{array}{r} 9 + 5 = 14 \\ \hline \end{array}$$

$$\begin{array}{r} 9 + 1 = 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 + 4 = 14 \\ \hline \end{array}$$

$$\begin{array}{r} 9 + 6 = 15 \\ \hline \end{array}$$

$$\begin{array}{r} 9 + 1 = 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 + 5 = 15 \\ \hline \end{array}$$

3

$$\begin{array}{r} 6 + 8 = 14 \\ \hline \end{array}$$

$$\begin{array}{r} 6 + 4 = 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 + 4 = 14 \\ \hline \end{array}$$

$$\begin{array}{r} 4 + 8 = 12 \\ \hline \end{array}$$

$$\begin{array}{r} 4 + 6 = 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 + 2 = 12 \\ \hline \end{array}$$

$$\begin{array}{r} 8 + 3 = 11 \\ \hline \end{array}$$

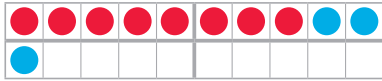
$$\begin{array}{r} 8 + 2 = 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 + 1 = 11 \\ \hline \end{array}$$

Erst bis zur 10 (+)

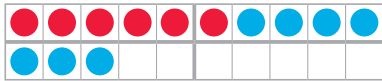


1



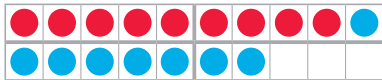
$$8 + 3 = 11$$

$$8 + 2 + 1 = 11$$



$$6 + 7 = 13$$

$$6 + 4 + 3 = 13$$



$$9 + 8 = 17$$

$$9 + 1 + 7 = 17$$

2

$$9 + 6 = 15$$

$$9 + 1 + 5 = 15$$

$$8 + 4 = 12$$

$$8 + 2 + 2 = 12$$

$$5 + 9 = 14$$

$$5 + 5 + 4 = 14$$

$$8 + 6 = 14$$

$$8 + 2 + 4 = 14$$

$$7 + 5 = 12$$

$$7 + 3 + 2 = 12$$

3

$$6 + 6 = 12$$

$$6 + 7 = 13$$

$$7 + 6 = 13$$

$$7 + 7 = 14$$

$$8 + 6 = 14$$

$$8 + 7 = 15$$

$$9 + 7 = 16$$

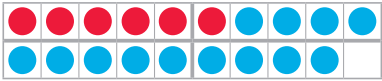
$$9 + 8 = 17$$

$$6 + 8 = 14$$

$$6 + 9 = 15$$

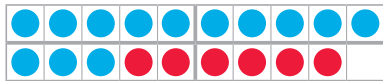
Erst bis zur 10 (+)

1



$$6 + 13 = \underline{19}$$

$$13 + 6 = \underline{19}$$



$$4 + 14 = \underline{18}$$

$$14 + 4 = \underline{18}$$

$$2 + 18 = \underline{20}$$

$$18 + 2 = \underline{20}$$

$$3 + 15 = \underline{18}$$

$$15 + 3 = \underline{18}$$

2

$$3 + 17 = \underline{20}$$

$$17 + 3 = \underline{20}$$

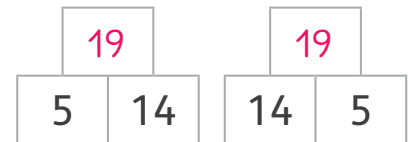
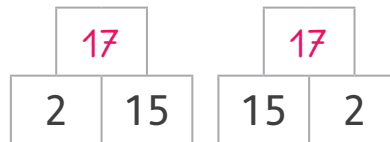
$$1 + 16 = \underline{17}$$

$$16 + 1 = \underline{17}$$

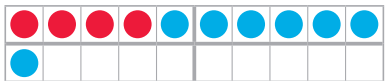
$$6 + 11 = \underline{17}$$

$$11 + 6 = \underline{17}$$

3



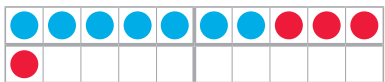
1



$4 + 7 = \underline{11}$

$5 + 8 = \underline{13}$

$9 + 3 = \underline{12}$



$7 + 4 = \underline{11}$

$8 + 5 = \underline{13}$

$3 + 9 = \underline{12}$

$6 + 8 = \underline{14}$

$3 + 8 = \underline{11}$

$2 + 9 = \underline{11}$

$5 + 7 = \underline{12}$



$8 + 6 = \underline{14}$

$8 + 3 = \underline{11}$

$9 + 2 = \underline{11}$

$7 + 5 = \underline{12}$

2

$7 + 5 = \underline{12}$

$6 + 7 = \underline{13}$

$4 + 8 = \underline{12}$

$5 + 9 = \underline{14}$

$5 + 7 = \underline{12}$

$7 + 6 = \underline{13}$

$8 + 4 = \underline{12}$

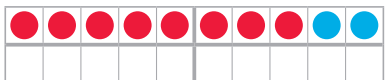
$9 + 5 = \underline{14}$

3

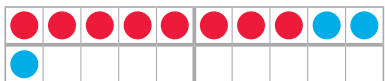


Tauschaufgaben

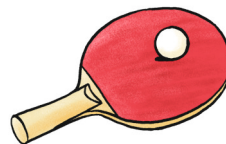
1



$$8 + 2 = \underline{10}$$



$$8 + 3 = \underline{11}$$



$$7 + 3 = \underline{10}$$

$$3 + 7 = \underline{10}$$

$$2 + 8 = \underline{10}$$

$$9 + 1 = \underline{10}$$

$$7 + 4 = \underline{11}$$

$$3 + 8 = \underline{11}$$

$$2 + 9 = \underline{11}$$

$$9 + 2 = \underline{11}$$

2

$$4 + 6 = \underline{10}$$

$$5 + 5 = \underline{10}$$

$$6 + 4 = \underline{10}$$

$$8 + 2 = \underline{10}$$

$$4 + 7 = \underline{11}$$

$$5 + 6 = \underline{11}$$

$$6 + 5 = \underline{11}$$

$$8 + 3 = \underline{11}$$

3

$$15 + 3 = \underline{18}$$

$$14 + 4 = \underline{18}$$

$$13 + 5 = \underline{18}$$

$$17 + 1 = \underline{18}$$

$$15 + 4 = \underline{19}$$

$$14 + 5 = \underline{19}$$

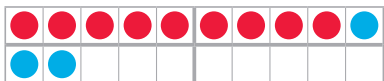
$$13 + 6 = \underline{19}$$

$$17 + 2 = \underline{19}$$

1



$$10 + 3 = \underline{13}$$



$$9 + 3 = \underline{12}$$

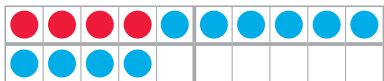
$$10 + 6 = \underline{16}$$

$$10 + 5 = \underline{15}$$

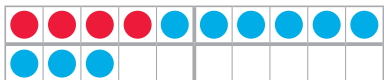
$$9 + 6 = \underline{15}$$

$$9 + 5 = \underline{14}$$

3



$$4 + 10 = \underline{14}$$



$$4 + 9 = \underline{13}$$

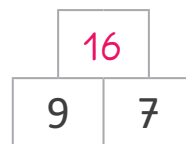
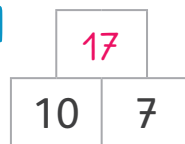
$$7 + 10 = \underline{17}$$

$$8 + 10 = \underline{18}$$

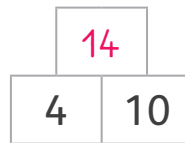
$$7 + 9 = \underline{16}$$

$$8 + 9 = \underline{17}$$

2



4



Nachbaraufgaben (+)

1

$10 - 7 = \underline{3}$

$10 - 5 = \underline{5}$

$10 - 4 = \underline{6}$

$10 - 1 = \underline{9}$

$10 - 7 = \underline{3}$

$10 - 6 = \underline{4}$

2

$10 - 0 = \underline{10}$

$10 - 10 = \underline{0}$

$10 - 2 = \underline{8}$

$10 - 9 = \underline{1}$

$10 - 8 = \underline{2}$

$10 - 3 = \underline{7}$

3

$10 - \underline{5} = 5$

$10 - \underline{9} = 1$

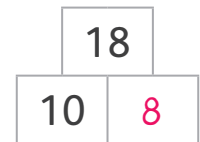
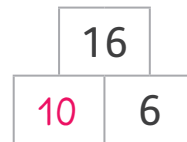
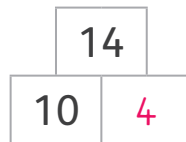
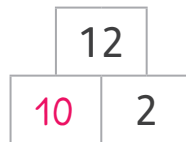
$10 - \underline{7} = 3$

$10 - \underline{2} = 8$

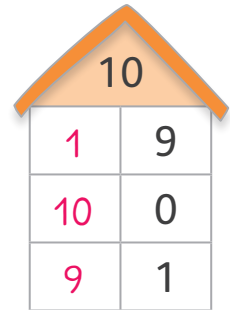
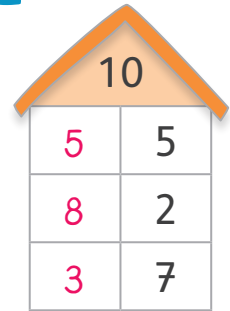
$10 - \underline{4} = 6$

$10 - \underline{1} = 9$

4



5



1

$$\overbrace{9 - 4} - 1 = \underline{4}$$

$$\overbrace{8 - 3} - 2 = \underline{3}$$

$$\overbrace{7 - 2} - 2 = \underline{3}$$

$$\overbrace{7 - 2} - 3 = \underline{2}$$

$$\overbrace{9 - 4} - 0 = \underline{5}$$

$$\overbrace{6 - 1} - 1 = \underline{4}$$

$$\overbrace{8 - 3} - 4 = \underline{1}$$

$$\overbrace{5 - 0} - 4 = \underline{1}$$

$$\overbrace{6 - 1} - 2 = \underline{3}$$

2

$$10 - 5 - 2 = \underline{3}$$

$$10 - 8 - 1 = \underline{1}$$

$$10 - 5 - 0 = \underline{5}$$

$$10 - 7 - 1 = \underline{2}$$

$$10 - 6 - 3 = \underline{1}$$

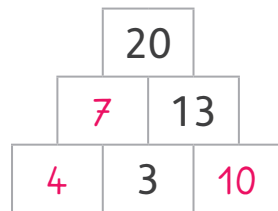
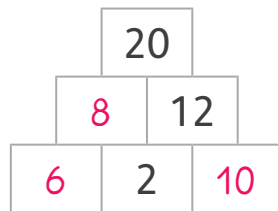
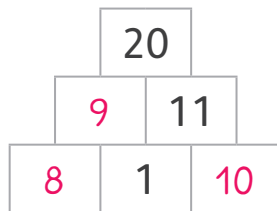
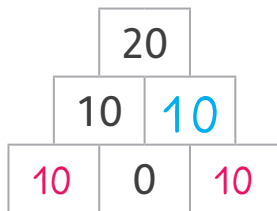
$$10 - 5 - 5 = \underline{0}$$

$$10 - 2 - 5 = \underline{3}$$

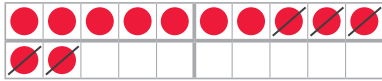
$$10 - 4 - 4 = \underline{2}$$

$$10 - 9 - 1 = \underline{0}$$

3



1

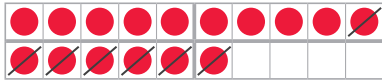


$$\begin{array}{r} 12 - 5 = \underline{7} \\ \hline \end{array}$$

$$12 - 2 = 10$$

$$10 - 3 = \underline{7}$$

Erst minus 2 bis zur 10.  
 $12 - 2 = 10$   
 Dann noch minus 3.  
 $10 - 3 = 7$

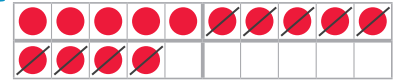


$$\begin{array}{r} 16 - 7 = \underline{9} \\ \hline \end{array}$$

$$16 - 6 = 10$$

$$10 - 1 = \underline{9}$$

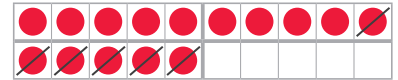
2



$$\begin{array}{r} 14 - 9 = \underline{5} \\ \hline \end{array}$$

$$14 - 4 = 10$$

$$10 - 5 = \underline{5}$$



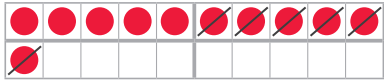
$$\begin{array}{r} 15 - 6 = \underline{9} \\ \hline \end{array}$$

$$15 - 5 = 10$$

$$10 - 1 = \underline{9}$$



1

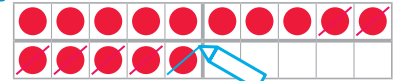


$$11 - 6 = \underline{5}$$

$$11 - \underline{1} = 10$$

$$\underline{10} - \underline{5} = \underline{5}$$

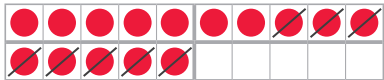
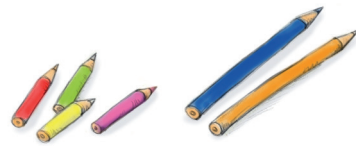
2



$$15 - 7 = \underline{8}$$

$$15 - \underline{5} = 10$$

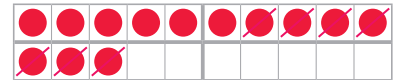
$$\underline{10} - \underline{2} = \underline{8}$$



$$15 - 8 = \underline{7}$$

$$15 - \underline{5} = 10$$

$$\underline{10} - \underline{3} = \underline{7}$$



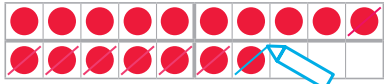
$$13 - 7 = \underline{6}$$

$$13 - \underline{3} = 10$$

$$\underline{10} - \underline{4} = \underline{6}$$

Erst bis zur 10 (-)

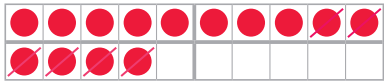
1



$$\begin{array}{r} 17 - 8 = \underline{9} \\ \hline \end{array}$$

$$\begin{array}{r} 17 - \underline{7} = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} \leftarrow \\ 10 - \underline{1} = \underline{9} \\ \hline \end{array}$$



$$\begin{array}{r} 14 - 6 = \underline{8} \\ \hline \end{array}$$

$$\begin{array}{r} 14 - \underline{4} = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} \leftarrow \\ 10 - \underline{2} = \underline{8} \\ \hline \end{array}$$

2

$$\begin{array}{r} 11 - 3 = \underline{8} \\ \hline \end{array}$$

$$\begin{array}{r} 11 - \underline{1} = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} \underline{10} - \underline{2} = \underline{8} \\ \hline \end{array}$$

$$\begin{array}{r} 13 - 6 = \underline{7} \\ \hline \end{array}$$

$$\begin{array}{r} 13 - \underline{3} = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} \underline{10} - \underline{3} = \underline{7} \\ \hline \end{array}$$

$$\begin{array}{r} 13 - 5 = \underline{8} \\ \hline \end{array}$$

$$\begin{array}{r} 13 - \underline{3} = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} \underline{10} - \underline{2} = \underline{8} \\ \hline \end{array}$$

3

$$\begin{array}{r} 12 - 3 = \underline{9} \\ \hline \end{array}$$

$$\begin{array}{r} 12 - \underline{2} = \underline{10} \\ \hline \end{array}$$

$$\begin{array}{r} \underline{10} - \underline{1} = \underline{9} \\ \hline \end{array}$$

$$\begin{array}{r} 17 - 8 = \underline{9} \\ \hline \end{array}$$

$$\begin{array}{r} 17 - \underline{7} = \underline{10} \\ \hline \end{array}$$

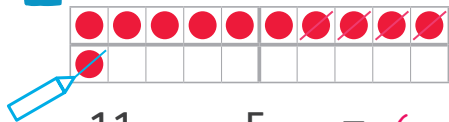
$$\begin{array}{r} \underline{10} - \underline{1} = \underline{9} \\ \hline \end{array}$$

$$\begin{array}{r} 14 - 8 = \underline{6} \\ \hline \end{array}$$

$$\begin{array}{r} 14 - \underline{4} = \underline{10} \\ \hline \end{array}$$

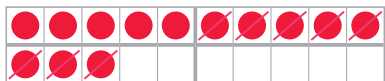
$$\begin{array}{r} \underline{10} - \underline{4} = \underline{6} \\ \hline \end{array}$$

1



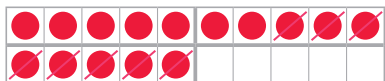
$$11 - 5 = \underline{6}$$

$$11 - 1 - 4 = \underline{6}$$



$$13 - 8 = \underline{5}$$

$$13 - 3 - 5 = \underline{5}$$



$$15 - 8 = \underline{7}$$

$$15 - 5 - 3 = \underline{7}$$

2

$$12 - 4 = \underline{8}$$

$$12 - 2 - 2 = \underline{8}$$

$$15 - 9 = \underline{6}$$

$$15 - 5 - 4 = \underline{6}$$

$$11 - 6 = \underline{5}$$

$$11 - 1 - 5 = \underline{5}$$

$$14 - 8 = \underline{6}$$

$$14 - 4 - 4 = \underline{6}$$

$$13 - 6 = \underline{7}$$

$$13 - 3 - 3 = \underline{7}$$

3

$$12 - 6 = \underline{6}$$

$$12 - 7 = \underline{5}$$

$$14 - 6 = \underline{8}$$

$$14 - 7 = \underline{7}$$

$$16 - 7 = \underline{9}$$

$$16 - 8 = \underline{8}$$

$$11 - 5 = \underline{6}$$

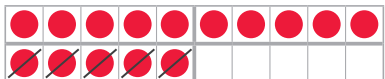
$$11 - 4 = \underline{7}$$

$$13 - 4 = \underline{9}$$

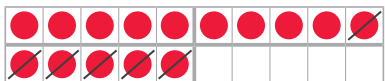
$$13 - 5 = \underline{8}$$

Erst bis zur 10 (-)

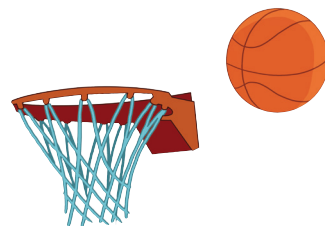
1



$$15 - 5 = \underline{10}$$



$$15 - 6 = \underline{9}$$



$$11 - 1 = \underline{10}$$

$$12 - 2 = \underline{10}$$

$$14 - 4 = \underline{10}$$

$$15 - 5 = \underline{10}$$

$$11 - 2 = \underline{9}$$

$$12 - 3 = \underline{9}$$

$$14 - 5 = \underline{9}$$

$$15 - 6 = \underline{9}$$

2

$$13 - 3 = \underline{10}$$

$$17 - 7 = \underline{10}$$

$$18 - 8 = \underline{10}$$

$$16 - 6 = \underline{10}$$

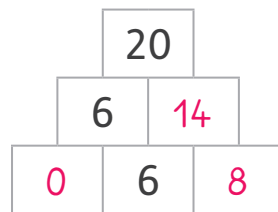
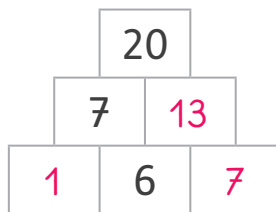
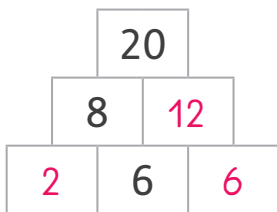
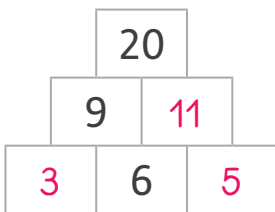
$$13 - 4 = \underline{9}$$

$$17 - 8 = \underline{9}$$

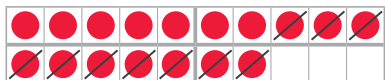
$$18 - 9 = \underline{9}$$

$$16 - 7 = \underline{9}$$

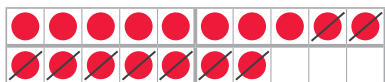
3



1



$$17 - 10 = \underline{7}$$



$$17 - 9 = \underline{8}$$



$$15 - 10 = \underline{5}$$

$$13 - 10 = \underline{3}$$

$$11 - 10 = \underline{1}$$

$$14 - 10 = \underline{4}$$

$$15 - 9 = \underline{6}$$

$$13 - 9 = \underline{4}$$

$$11 - 9 = \underline{2}$$

$$14 - 9 = \underline{5}$$

2

$$16 - 10 = \underline{6}$$

$$17 - 7 = \underline{10}$$

$$18 - 8 = \underline{10}$$

$$12 - 10 = \underline{2}$$

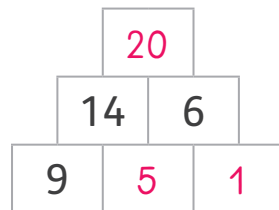
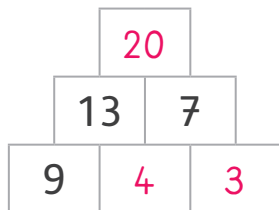
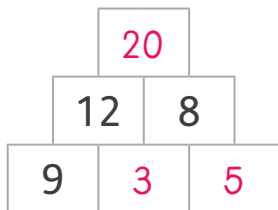
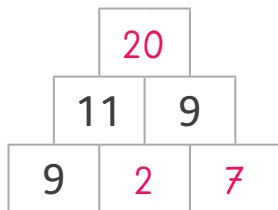
$$16 - 9 = \underline{7}$$

$$17 - 6 = \underline{11}$$

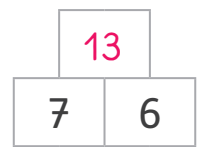
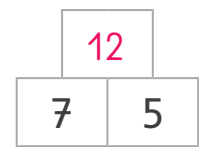
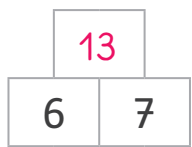
$$18 - 7 = \underline{11}$$

$$12 - 9 = \underline{3}$$

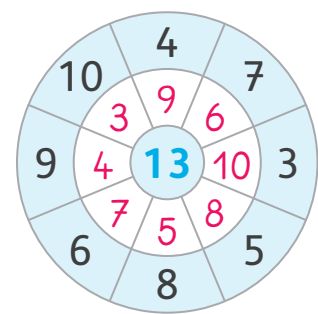
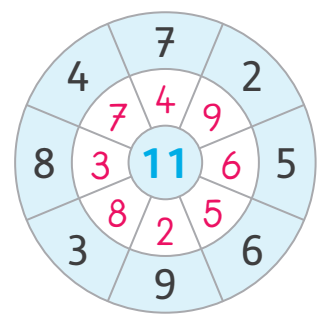
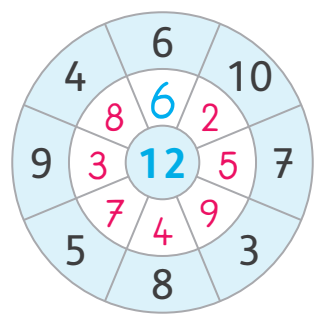
3



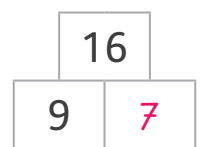
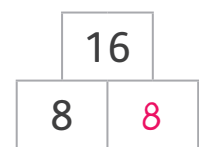
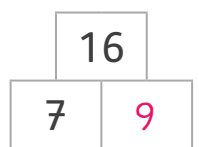
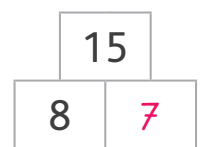
1

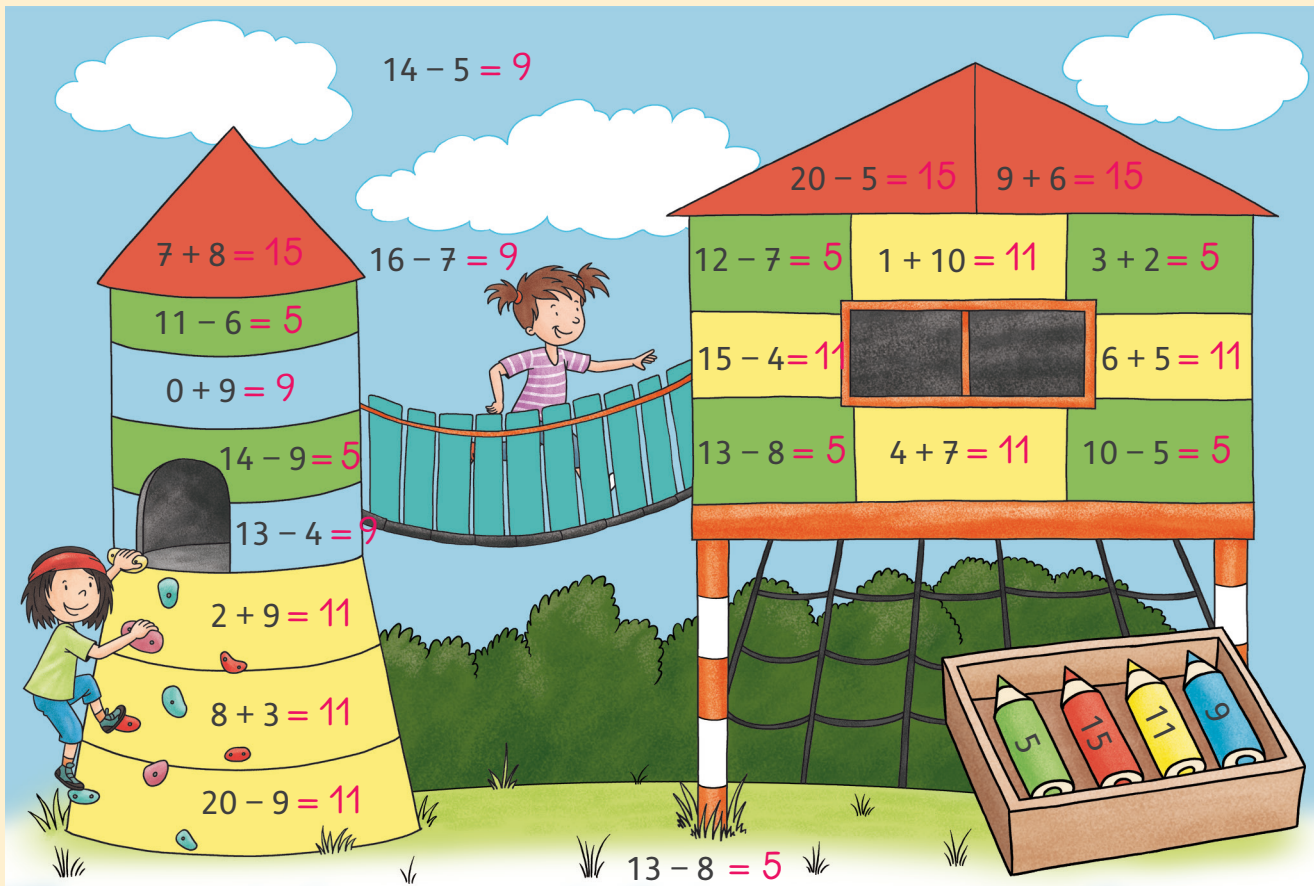


2

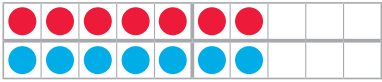


3

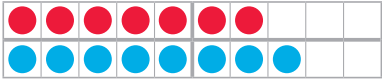




1



$$7 + 7 = \underline{14}$$



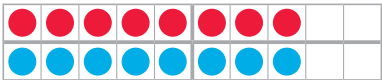
$$7 + 8 = \underline{15}$$



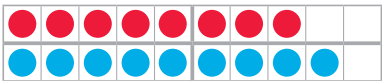
$$4 + 4 = \underline{8}$$



$$4 + 5 = \underline{9}$$



$$8 + 8 = \underline{16}$$



$$8 + 9 = \underline{17}$$

2

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

$$2 + 3 = \underline{5}$$

$$5 + 5 = \underline{10}$$

$$5 + 6 = \underline{11}$$

$$3 + 3 = \underline{6}$$

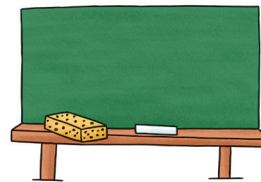
$$3 + 4 = \underline{7}$$

$$6 + 6 = \underline{12}$$

$$6 + 7 = \underline{13}$$

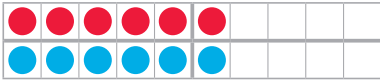
$$9 + 9 = \underline{18}$$

$$9 + 10 = \underline{19}$$

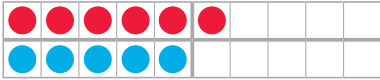




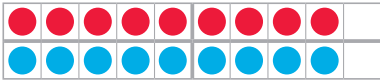
1



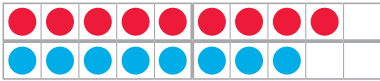
$$6 + 6 = \underline{12}$$



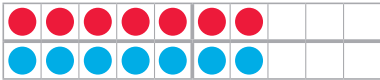
$$6 + 5 = \underline{11}$$



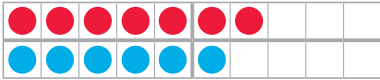
$$9 + 9 = \underline{18}$$



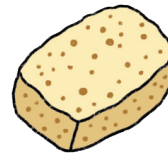
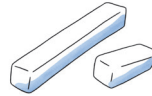
$$9 + 8 = \underline{17}$$



$$7 + 7 = \underline{14}$$



$$7 + 6 = \underline{13}$$



2

$$5 + 5 = \underline{10}$$

$$5 + 4 = \underline{9}$$

$$8 + 8 = \underline{16}$$

$$8 + 7 = \underline{15}$$

$$4 + 4 = \underline{8}$$

$$4 + 3 = \underline{7}$$

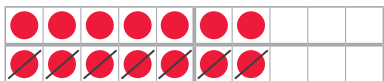
$$7 + 7 = \underline{14}$$

$$7 + 6 = \underline{13}$$

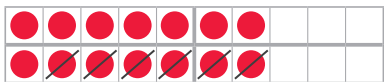
$$6 + 6 = \underline{12}$$

$$6 + 5 = \underline{11}$$

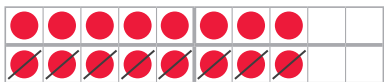
1



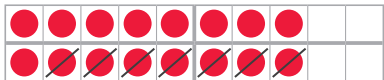
$14 - 7 = \underline{7}$



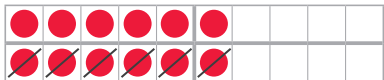
$14 - 6 = \underline{8}$



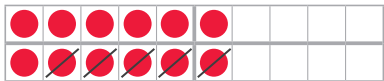
$16 - 8 = \underline{8}$



$16 - 7 = \underline{9}$



$12 - 6 = \underline{6}$



$12 - 5 = \underline{7}$

2

$10 - 5 = \underline{5}$

$10 - 4 = \underline{6}$

$18 - 9 = \underline{9}$

$18 - 8 = \underline{10}$

$8 - 4 = \underline{4}$

$8 - 3 = \underline{5}$

$16 - 8 = \underline{8}$

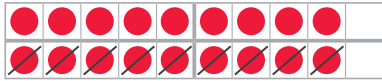
$16 - 7 = \underline{9}$

$20 - 10 = \underline{10}$

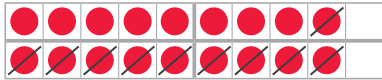
$20 - 9 = \underline{11}$



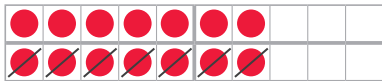
1



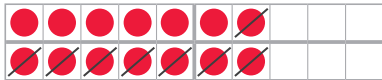
$$18 - 9 = \underline{9}$$



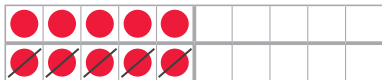
$$18 - 10 = \underline{8}$$



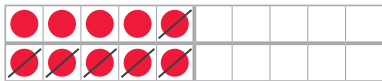
$$14 - 7 = \underline{7}$$



$$14 - 8 = \underline{6}$$



$$10 - 5 = \underline{5}$$



$$10 - 6 = \underline{4}$$

2

$$6 - 3 = \underline{3}$$

$$6 - 4 = \underline{2}$$

$$12 - 6 = \underline{6}$$

$$12 - 7 = \underline{5}$$

$$16 - 8 = \underline{8}$$

$$16 - 9 = \underline{7}$$

$$14 - 7 = \underline{7}$$

$$14 - 8 = \underline{6}$$

$$20 - 10 = \underline{10}$$

$$20 - 11 = \underline{9}$$

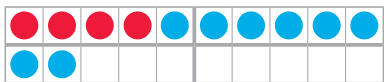


1



$$5 + 9 = \underline{14}$$

$$\begin{array}{r} \swarrow \downarrow \\ 14 - 9 = \underline{5} \end{array}$$



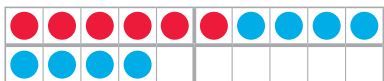
$$4 + 8 = \underline{12}$$

$$\begin{array}{r} \swarrow \downarrow \\ 12 - 8 = \underline{4} \end{array}$$



$$7 + 8 = \underline{15}$$

$$\begin{array}{r} \swarrow \downarrow \\ 15 - 8 = \underline{7} \end{array}$$



$$6 + 8 = \underline{14}$$

$$\begin{array}{r} \swarrow \downarrow \\ 14 - 8 = \underline{6} \end{array}$$

2

$$4 + 9 = \underline{13}$$

$$\begin{array}{r} \swarrow \downarrow \\ 13 - 9 = \underline{4} \end{array}$$

$$5 + 8 = \underline{13}$$

$$\begin{array}{r} \swarrow \downarrow \\ 13 - 8 = \underline{5} \end{array}$$

$$5 + 7 = \underline{12}$$

$$\begin{array}{r} \swarrow \downarrow \\ 12 - 7 = \underline{5} \end{array}$$

$$8 + 9 = \underline{17}$$

$$\begin{array}{r} \swarrow \downarrow \\ 17 - 9 = \underline{8} \end{array}$$



1

$$15 - \underline{7} = 8$$



$$8 + \underline{7} = 15$$

2

$$12 - \underline{1} = 11$$



$$11 + \underline{1} = 12$$

3

$$13 - \underline{5} = 8$$



$$8 + \underline{5} = 13$$

4

$$11 - \underline{6} = 5$$



$$5 + \underline{6} = 11$$

$$13 - \underline{6} = 7$$



$$7 + \underline{6} = 13$$

$$11 - \underline{3} = 8$$



$$8 + \underline{3} = 11$$

$$12 - \underline{4} = 8$$



$$8 + \underline{4} = 12$$

$$15 - \underline{9} = 6$$



$$6 + \underline{9} = 15$$

$$16 - \underline{7} = 9$$



$$9 + \underline{7} = 16$$

$$15 - \underline{6} = 9$$



$$9 + \underline{6} = 15$$

$$11 - \underline{5} = 6$$



$$6 + \underline{5} = 11$$

$$12 - \underline{8} = 4$$



$$4 + \underline{8} = 12$$

$$14 - \underline{8} = 6$$



$$6 + \underline{8} = 14$$

$$16 - \underline{8} = 8$$



$$8 + \underline{8} = 16$$

$$14 - \underline{6} = 8$$



$$8 + \underline{6} = 14$$

$$13 - \underline{8} = 5$$



$$5 + \underline{8} = 13$$

1

7	8	15
---	---	----

$7 + 8 = \underline{15}$

$8 + 7 = \underline{15}$

$15 - 7 = \underline{8}$

$15 - 8 = \underline{7}$

11	8	19
----	---	----

$11 + 8 = \underline{19}$

$8 + 11 = \underline{19}$

$19 - 11 = \underline{8}$

$19 - 8 = \underline{11}$

4	9	13
---	---	----

$4 + 9 = \underline{13}$

$9 + 4 = \underline{13}$

$13 - 4 = \underline{9}$

$13 - 9 = \underline{4}$

2

12	8	20
----	---	----

$12 + \underline{8} = \underline{20}$

$8 + \underline{12} = \underline{20}$

$20 - \underline{12} = \underline{8}$

$20 - \underline{8} = \underline{12}$

6	7	13
---	---	----

$6 + \underline{7} = \underline{13}$

$7 + \underline{6} = \underline{13}$

$13 - \underline{6} = \underline{7}$

$13 - \underline{7} = \underline{6}$

16	2	18
----	---	----

$16 + \underline{2} = \underline{18}$

$2 + \underline{16} = \underline{18}$

$18 - \underline{16} = \underline{2}$

$18 - \underline{2} = \underline{16}$

1

4	7	11
---	---	----

$$4 + 7 = \underline{11}$$

$$7 + 4 = \underline{11}$$

$$11 - 4 = \underline{7}$$

$$11 - 7 = \underline{4}$$

3	8	11
---	---	----

$$3 + 8 = \underline{11}$$

$$8 + 3 = \underline{11}$$

$$11 - 3 = \underline{8}$$

$$11 - 8 = \underline{3}$$

6	8	14
---	---	----

$$6 + 8 = \underline{14}$$

$$8 + 6 = \underline{14}$$

$$14 - 6 = \underline{8}$$

$$14 - 8 = \underline{6}$$

2

5	9	14
---	---	----

$$5 + 9 = 14$$

$$9 + 5 = 14$$

$$14 - 5 = 9$$

$$14 - 9 = 5$$

5	7	12
---	---	----

$$5 + 7 = \underline{12}$$

$$\underline{7} + 5 = \underline{12}$$

$$12 - 5 = \underline{7}$$

$$\underline{12} - \underline{7} = \underline{5}$$

9	10	19
---	----	----

$$9 + 10 = \underline{19}$$

$$\underline{10} + 9 = \underline{19}$$

$$19 - 9 = \underline{10}$$

$$\underline{19} - \underline{10} = \underline{9}$$

1

9	2	11
---	---	----

$$9 + 2 = 11$$

$$2 + 9 = 11$$

$$11 - 9 = 2$$

$$11 - 2 = 9$$

8	5	13
---	---	----

$$8 + 5 = 13$$

$$5 + 8 = 13$$

$$13 - 8 = 5$$

$$13 - 5 = 8$$

9	7	16
---	---	----

$$9 + 7 = 16$$

$$7 + 9 = 16$$

$$16 - 9 = 7$$

$$16 - 7 = 9$$

2

4	8	12
---	---	----

$$4 + 8 = 12$$

$$8 + 4 = 12$$

$$12 - 4 = 8$$

$$12 - 8 = 4$$

10	7	17
----	---	----

$$10 + 7 = 17$$

$$7 + 10 = 17$$

$$17 - 10 = 7$$

$$17 - 7 = 10$$

6	9	15
---	---	----

$$6 + 9 = 15$$

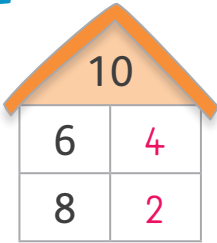
$$9 + 6 = 15$$

$$15 - 6 = 9$$

$$15 - 9 = 6$$



1



2

$$10 + 4 = \underline{14}$$

$$10 + 6 = \underline{16}$$

$$10 + 0 = \underline{10}$$

$$10 + 8 = \underline{18}$$

$$10 + 10 = \underline{20}$$

$$10 + 1 = \underline{11}$$

$$10 + 7 = \underline{17}$$

3

$$5 + \underline{5} = 10$$

$$7 + \underline{3} = 10$$

$$9 + \underline{1} = 10$$

$$1 + \underline{9} = 10$$

$$6 + \underline{4} = 10$$

$$2 + \underline{8} = 10$$

$$5 + \underline{5} = 10$$

4

$$10 - 3 = \underline{7}$$

$$10 - 5 = \underline{5}$$

$$10 - 7 = \underline{3}$$

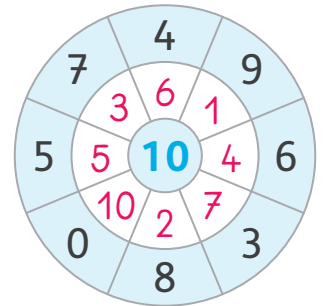
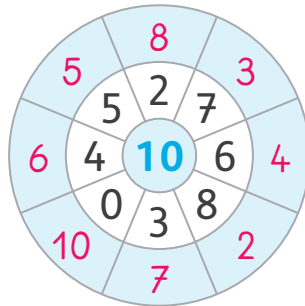
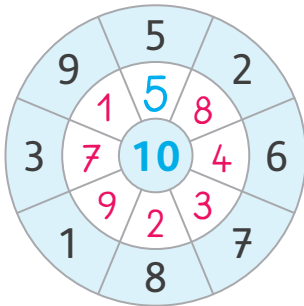
$$10 - 4 = \underline{6}$$

$$10 - 9 = \underline{1}$$

$$10 - 8 = \underline{2}$$

$$10 - 2 = \underline{8}$$

5



1

$$4 + 5 = \underline{9}$$

$$3 + 2 = \underline{5}$$

$$2 + 7 = \underline{9}$$

$$6 + 4 = \underline{10}$$

$$8 + 1 = \underline{9}$$

$$9 + 0 = \underline{9}$$

$$2 + 7 = \underline{9}$$

2

$$14 + 2 = \underline{16}$$

$$16 + 3 = \underline{19}$$

$$11 + 4 = \underline{15}$$

$$12 + 7 = \underline{19}$$

$$11 + 9 = \underline{20}$$

$$13 + 2 = \underline{15}$$

$$17 + 2 = \underline{19}$$

3

$$3 + 9 = \underline{12}$$

$$4 + 7 = \underline{11}$$

$$8 + 5 = \underline{13}$$

$$6 + 6 = \underline{12}$$

$$4 + 8 = \underline{12}$$

$$9 + 4 = \underline{13}$$

$$8 + 4 = \underline{12}$$

4

$$9 + \underline{6} = 15$$

$$7 + \underline{4} = 11$$

$$6 + \underline{6} = 12$$

$$4 + \underline{8} = 12$$

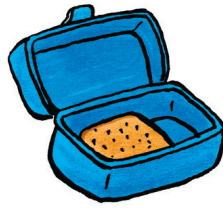
$$7 + \underline{8} = 15$$

$$5 + \underline{8} = 13$$

$$8 + \underline{9} = 17$$

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

$9 - 4 = \underline{5}$

$8 - 3 = \underline{5}$

$7 - 4 = \underline{3}$

$6 - 5 = \underline{1}$

$8 - 5 = \underline{3}$

$9 - 7 = \underline{2}$

$7 - 6 = \underline{1}$

2

$15 - 3 = \underline{12}$

$19 - 8 = \underline{11}$

$18 - 6 = \underline{12}$

$16 - 5 = \underline{11}$

$15 - 4 = \underline{11}$

$19 - 7 = \underline{12}$

$17 - 7 = \underline{10}$

3

$16 - 9 = \underline{7}$

$17 - 9 = \underline{8}$

$12 - 8 = \underline{4}$

$11 - 3 = \underline{8}$

$16 - 8 = \underline{8}$

$13 - 8 = \underline{5}$

$18 - 9 = \underline{9}$

4

$15 - \underline{8} = 7$

$16 - \underline{7} = 9$

$14 - \underline{6} = 8$

$11 - \underline{4} = 7$

$13 - \underline{8} = 5$

$12 - \underline{3} = 9$

$17 - \underline{7} = 10$

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

+	5	8	9	3
7	12	15	16	10

+	5	8	9	3
2	7	10	11	5

3

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

5

+	7	9	8	6
2	9	11	10	8
4	11	13	12	10



2

+	9	3	5	8
6	15	9	11	14

+	9	3	5	8
5	14	8	10	13

4

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

6

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

1

-	3	9	7	6
17	14	8	10	11

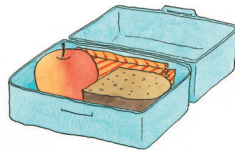
-	3	9	7	6
13	10	4	6	7

3

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

5

-	5	7	3	9
11	6	4	8	2
15	10	8	12	6



2

-	8	6	9	7
18	10	12	9	11

-	8	6	9	7
11	3	5	2	4

4

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

6

-	6	3	7	8
12	6	9	5	4
16	10	13	9	8

Minustabellen

Lösung:  Blau  Orange

1

+	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

2

Färbe die Felder in der Tabelle blau.

$$0 + 0 = \underline{0}$$

$$3 + 3 = \underline{6}$$

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

$$1 + 1 = \underline{2}$$

$$4 + 4 = \underline{8}$$

$$9 + 9 = \underline{18}$$

$$7 + 7 = \underline{14}$$

$$10 + 10 = \underline{20}$$

$$6 + 6 = \underline{12}$$

$$8 + 8 = \underline{16}$$

1

Färbe die Felder in der Tabelle orange.



$$6 + 4 = \underline{10}$$

$$9 + 1 = \underline{10}$$

$$10 + 0 = \underline{10}$$

$$7 + 3 = \underline{10}$$

$$8 + 2 = \underline{10}$$

$$1 + 9 = \underline{10}$$

$$3 + 7 = \underline{10}$$

$$2 + 8 = \underline{10}$$

$$4 + 6 = \underline{10}$$

$$0 + 10 = \underline{10}$$

2

Färbe passend.



$$0 + 5 = \underline{5}$$



$$9 + 3 = \underline{12}$$



$$5 + 7 = \underline{12}$$



$$10 + 6 = \underline{16}$$



$$5 + 5 = \underline{10}$$



3

$$6 + 2 = \underline{8}$$



$$3 + 5 = \underline{8}$$



$$5 + 0 = \underline{5}$$



$$5 + 9 = \underline{14}$$



$$4 + 8 = \underline{12}$$



4

Färbe passend.

$$9 + 7 = \underline{16}$$



$$4 + 2 = \underline{6}$$



$$5 + 3 = \underline{8}$$



$$6 + 8 = \underline{14}$$



$$10 + 4 = \underline{14}$$



5

$$5 + 1 = \underline{6}$$



$$10 + 5 = \underline{15}$$



$$9 + 5 = \underline{14}$$



$$5 + 10 = \underline{15}$$



$$7 + 5 = \underline{12}$$



Lösung:  Blau  Orange

1

-	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

2

Färbe die Felder in der Tabelle blau.

$$10 - 0 = \underline{10}$$

$$16 - 6 = \underline{10}$$

$$18 - 8 = \underline{10}$$

$$19 - 9 = \underline{10}$$

$$17 - 7 = \underline{10}$$

$$15 - 5 = \underline{10}$$

$$20 - 10 = \underline{10}$$

$$13 - 3 = \underline{10}$$

$$11 - 1 = \underline{10}$$

$$14 - 4 = \underline{10}$$

$$12 - 2 = \underline{10}$$



1

Färbe die Felder in der Tabelle orange.



$$20 - 0 = \underline{20}$$

$$17 - 3 = \underline{14}$$

$$16 - 4 = \underline{12}$$

$$18 - 2 = \underline{16}$$

$$19 - 1 = \underline{18}$$

$$12 - 8 = \underline{4}$$

$$13 - 7 = \underline{6}$$

$$11 - 9 = \underline{2}$$

$$14 - 6 = \underline{8}$$

$$10 - 10 = \underline{0}$$

2

Färbe passend.



$$11 - 2 = \underline{9}$$



$$11 - 8 = \underline{3}$$



$$16 - 5 = \underline{11}$$



$$19 - 2 = \underline{17}$$



$$19 - 8 = \underline{11}$$



3

$$15 - 0 = \underline{15}$$



$$15 - 3 = \underline{12}$$



$$15 - 6 = \underline{9}$$



$$15 - 7 = \underline{8}$$



$$15 - 10 = \underline{5}$$



4

Färbe passend.

$$10 - 5 = \underline{5}$$



$$12 - 5 = \underline{7}$$



$$14 - 5 = \underline{9}$$



$$18 - 5 = \underline{13}$$



$$20 - 5 = \underline{15}$$



5

$$17 - 4 = \underline{13}$$



$$17 - 6 = \underline{11}$$



$$15 - 4 = \underline{11}$$



$$13 - 4 = \underline{9}$$



$$13 - 6 = \underline{7}$$



1

$3 + 6 = \underline{9}$

$2 + 4 = \underline{6}$

$8 + 1 = \underline{9}$

$5 + 3 = \underline{8}$

$13 + 6 = \underline{19}$

$12 + 4 = \underline{16}$

$18 + 1 = \underline{19}$

$15 + 3 = \underline{18}$

2

$8 - 6 = \underline{2}$

$2 - 1 = \underline{1}$

$9 - 3 = \underline{6}$

$5 - 4 = \underline{1}$

$18 - 6 = \underline{12}$

$12 - 1 = \underline{11}$

$19 - 3 = \underline{16}$

$15 - 4 = \underline{11}$

3

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

4

-	4	6	3	2
18	14	12	15	16
16	12	10	13	14



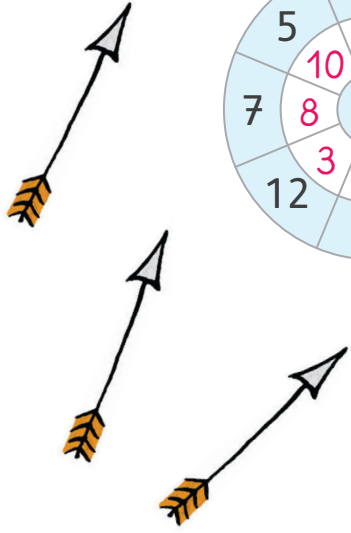
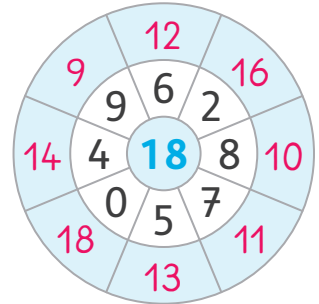
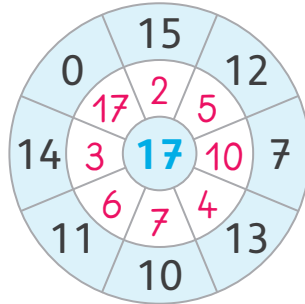
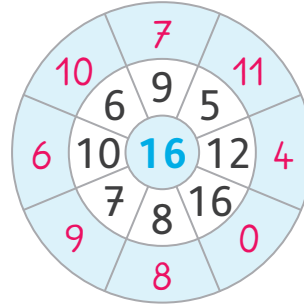
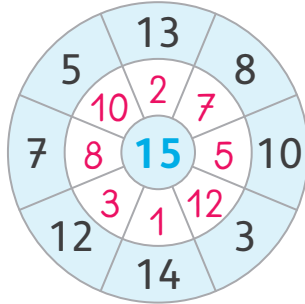
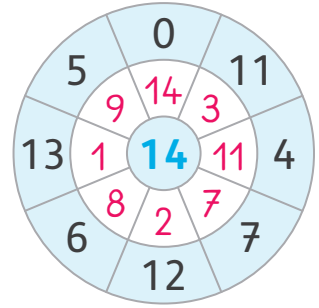
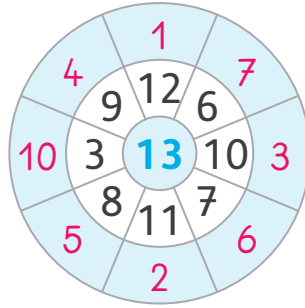
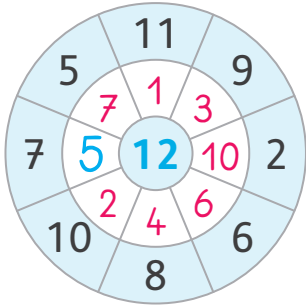
5

+	7	5	6	9
5	12	10	11	14
3	10	8	9	12

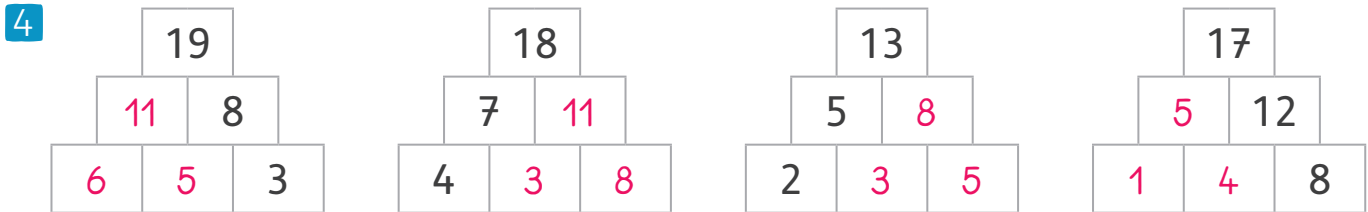
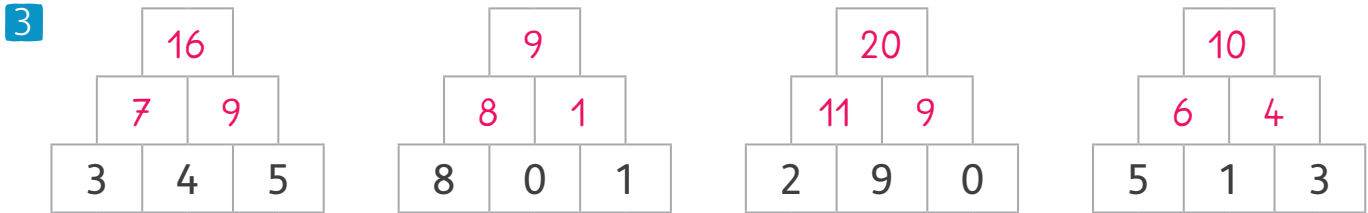
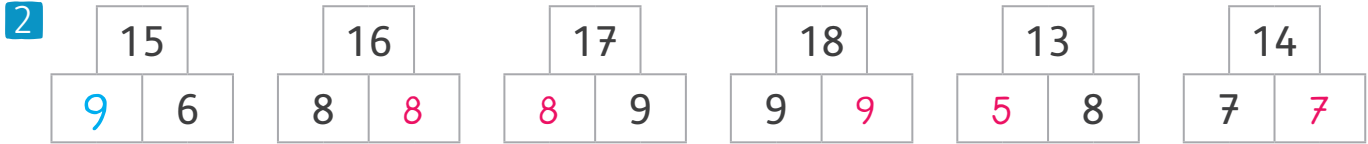
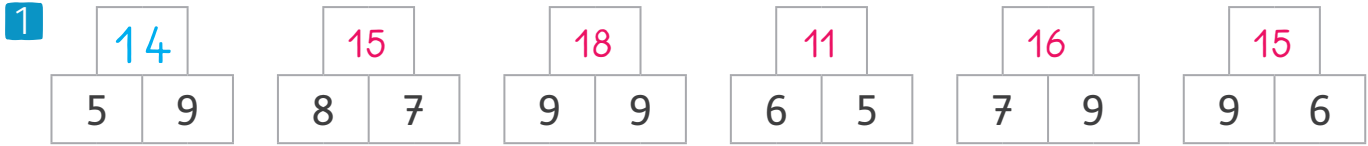
6

-	5	2	6	9
15	10	13	9	6
12	7	10	6	3

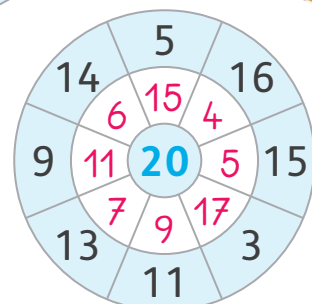
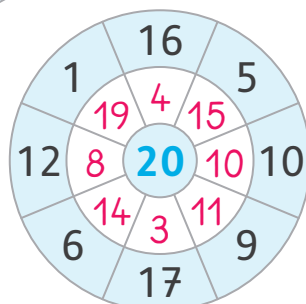
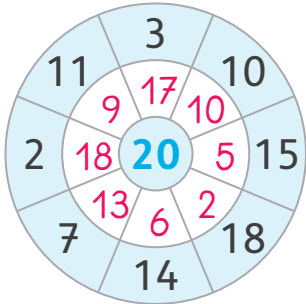
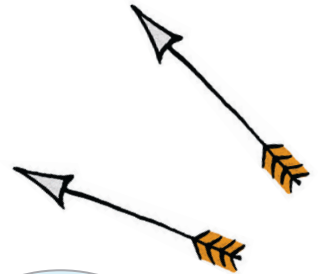
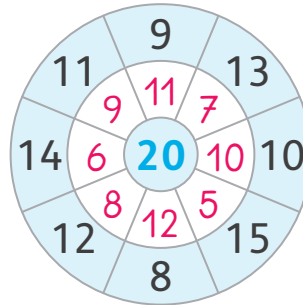
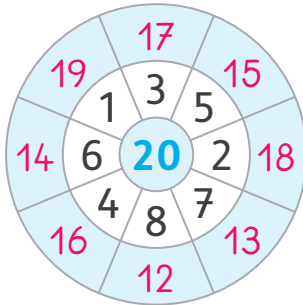
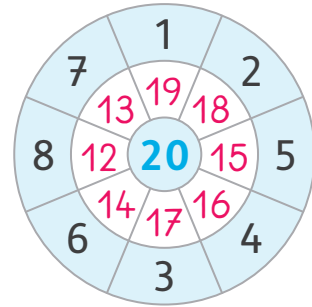
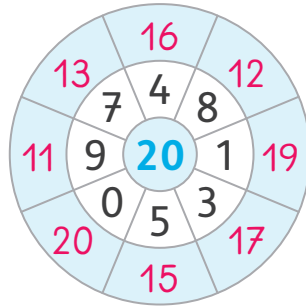
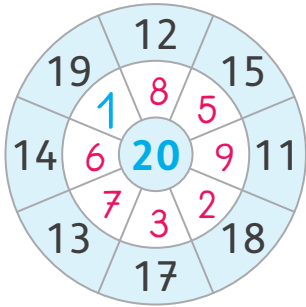
1



Zahlenräder

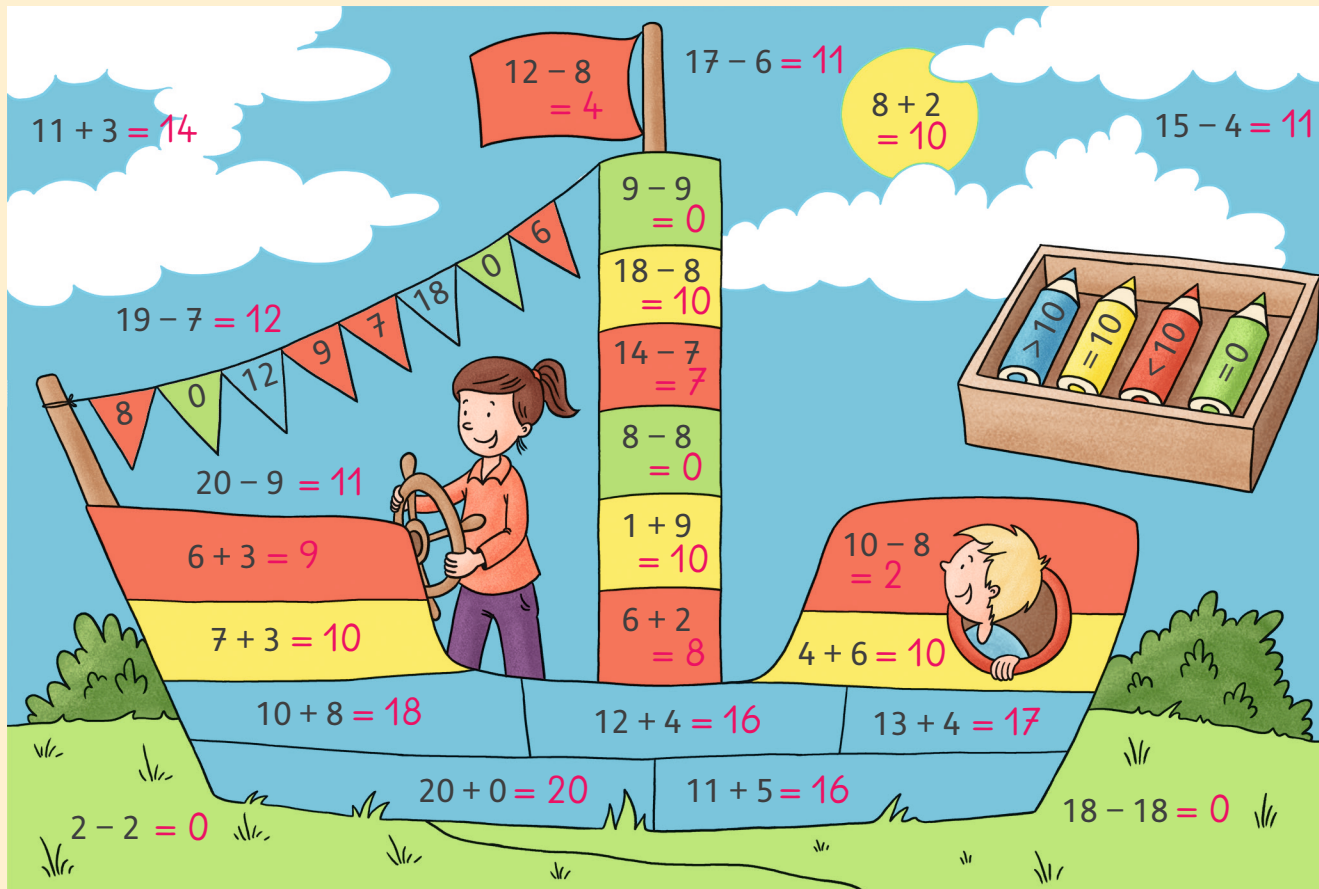


1



Zahlenräder

Test 4, S. 88



1

	4	5	6	7
10				

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

13	14	15	16	17
----	----	----	----	----

2

	8
	2 + <u>6</u>
10	6 + <u>2</u>

	6
	1 + <u>5</u>
	4 + <u>2</u>

	9
	2 + <u>7</u>
	7 + <u>2</u>

	7
	5 + <u>2</u>
	0 + <u>7</u>

	5
	3 + <u>2</u>
	2 + <u>3</u>

3

	10	
5	2	8

	10	
	5	5

	10	
	9	1

	10	
	3	7

	10	
	0	10

4

	10 = 3 + <u>7</u>
8	18 = 10 + <u>8</u>

	10 = 1 + <u>9</u>
	13 = 10 + <u>3</u>

	10 = 7 + <u>3</u>
	15 = 10 + <u>5</u>

	10 = 0 + <u>10</u>
	12 = 10 + <u>2</u>

33	☺ ☹ ☹ ☹

# Teste dich!

1

$$\square 8 + \underline{2} = 10$$

$$2 + \underline{8} = 10$$

$$10 - \underline{6} = 4$$

$$10 - \underline{7} = 3$$

$$\square 8 7 + \underline{3} = 10$$

$$0 + \underline{10} = 10$$

$$10 - \underline{4} = 6$$

$$10 - \underline{3} = 7$$

2

$$\square 5 + 2 = \underline{7}$$

$$3 + 4 = \underline{7}$$

$$1 + 8 = \underline{9}$$

$$2 + 6 = \underline{8}$$

$$\square 8 15 + 2 = \underline{17}$$

$$13 + 4 = \underline{17}$$

$$11 + 8 = \underline{19}$$

$$12 + 6 = \underline{18}$$

3

$$\square 3 - 2 = \underline{1}$$

$$8 - 5 = \underline{3}$$

$$9 - 8 = \underline{1}$$

$$6 - 3 = \underline{3}$$

$$\square 8 13 - 2 = \underline{11}$$

$$18 - 5 = \underline{13}$$

$$19 - 8 = \underline{11}$$

$$16 - 3 = \underline{13}$$

4

$$3 + 4 = \underline{7}$$

$$7 + 3 = \underline{10}$$

$$14 + 6 = \underline{20}$$

$$4 + 12 = \underline{16}$$

$$4 + 3 = \underline{7}$$

$$3 + 7 = \underline{10}$$

$$6 + 14 = \underline{20}$$

$$12 + 4 = \underline{16}$$

$$\square 7 - 3 = \underline{4}$$

$$10 - 7 = \underline{3}$$

$$20 - 14 = \underline{6}$$

$$16 - 4 = \underline{12}$$

$$\square 16 7 - 4 = \underline{3}$$

$$10 - 3 = \underline{7}$$

$$20 - 6 = \underline{14}$$

$$16 - 12 = \underline{4}$$

40





1

8

 $2 + 9 = \underline{11}$

$5 + 8 = \underline{13}$

$6 + 7 = \underline{13}$

$4 + 8 = \underline{12}$

8

 $9 + 2 = \underline{11}$

$8 + 5 = \underline{13}$

$7 + 6 = \underline{13}$

$8 + 4 = \underline{12}$

2

8

 $3 + 15 = \underline{18}$

$7 + 11 = \underline{18}$

$4 + 12 = \underline{16}$

$5 + 14 = \underline{19}$

8

 $15 + 3 = \underline{18}$

$11 + 7 = \underline{18}$

$12 + 4 = \underline{16}$

$14 + 5 = \underline{19}$

3

8

 $12 - 2 = \underline{10}$

$18 - 8 = \underline{10}$

$14 - 4 = \underline{10}$

$18 - 8 = \underline{10}$

8

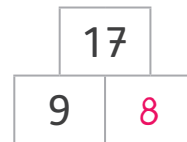
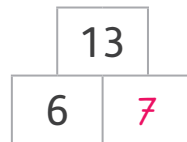
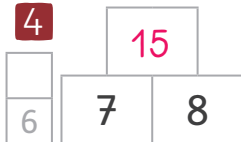
 $12 - 3 = \underline{9}$

$18 - 9 = \underline{9}$

$14 - 5 = \underline{9}$

$18 - 9 = \underline{9}$

4



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😊 😊 😐 😞

Test 3

Teste dich!

1

<input type="text"/>	$4 + 9 = \underline{13}$	$3 + 8 = \underline{11}$	$5 + 7 = \underline{12}$	$6 + 8 = \underline{14}$
<input type="text" value="8"/>	$13 - 9 = \underline{4}$	$11 - 8 = \underline{3}$	$12 - 7 = \underline{5}$	$14 - 8 = \underline{6}$

2

+	9	7	4	8
5	14	12	9	13

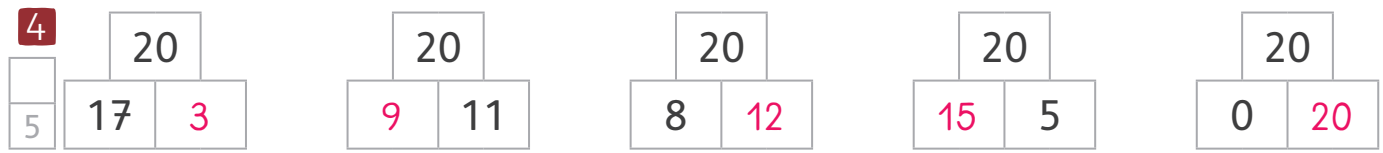
+	6	8	5	7
3	9	11	8	10
<input type="text" value="4"/>	10	12	9	11

3

-	8	9	7	6
13	5	4	6	7

-	6	9	8	7
15	9	6	7	8
<input type="text" value="12"/>	6	3	4	5

4



37



## Quellennachweis

Ablang, Friederike, Berlin, **18.32; 18.66; 18.105; 20.152; 75.1; 80.1**; Fröhlich, Anke, Leipzig, **U1; 1.7; 5.1; 8.4; 19.81; 22.37; 26.6; 30.28; 39.1; 39.2; 41.1; 44.1; 45.8; 45.9; 48.1; 50.1; 54.1; 59.1; 63.1; 66.1; 72.1; 74.1; 83.3; 84.1; 84.2**; Greune, Mascha, München, **63.2; 39.7**; Hesselbarth, Susann, Leipzig, **64.1**; Hochmann, Carmen, Gütersloh, **39.6**; Hoppe-Engbring, Yvonne, Steinfurt, **1.89; 73.1**; Josef Hammen, Trierweiler, **65.1**; Klett-Archiv, Stuttgart, **78.2**; Kreye, Heike, Hamburg, **12.18; 12.28; 12.39; 12.65; 12.80; 12.81; 13.17; 13.39; 13.53; 13.88; 13.95; 13.106**; Lindermann, Karin, Ochtrup, **31.2; 55.1**; Oser, Liliane, Hamburg, **30.1**; Przygodda, Thomas, Langenhagen, **79.20**; Reich, Bettina, Zwenkau/Leipzig, **39.3; 39.8**; Slawski, Wolfgang, Kiel, **75.2**; Thorsten Droessler, Leipzig, **23.1**; Woernle, Hela, Hannover, **39.4**; YUIO (Etienne Simon), Wépion, **58.1**

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