

Super M

Mathematik für alle

Rechenttraining

1

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



Name

Klasse

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Checkplot Anker&Röhr

Zur Arbeit mit dem Heft

Das Rechentraining gibt den Kindern Gelegenheit, die im Unterricht erworbenen Kenntnisse und Fähigkeiten für das mündliche und halbschriftliche Rechnen zu üben.

- Das Üben erfolgt in Übungsformaten, die vorteilhaftes Rechnen unterstützen.
- Eine Differenzierung nach Anforderungsbereichen der KMK-Bildungsstandards ist über die Aufgabenziffern sichtbar.
- Die Abreißecken können nach der Bearbeitung der Seite entfernt werden. Die zu den Testseiten „Rechentraining“ gehörenden Ecken können an die richtige Stelle der „Super M – Urkunde“ auf der Umschlagseite 3 eingeklebt werden.
- Lösungen der Aufgaben sind unter www.cornelsen.de/super-m zu finden.

Das bedeuten die Zeichen:



Hier gibt es etwas zu entdecken.



wiedergeben, ausführen,
anwenden



überlegen, mitdenken, fortsetzen



eigene Lösungswege entwickeln,
systematisch nutzen und begründen

www.cornelsen.de

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Dies gilt auch für Intranets von Schulen und sonstigen Bildungseinrichtungen.

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Super

M

Mathematik für alle

1

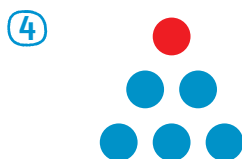
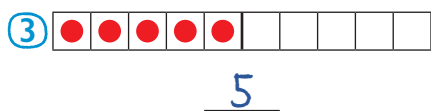
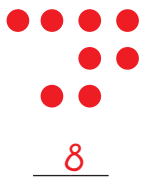
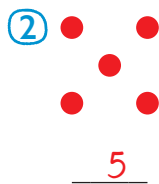
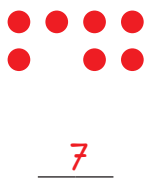
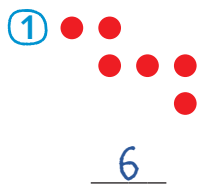
Rechentaining





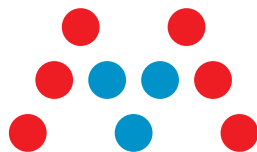
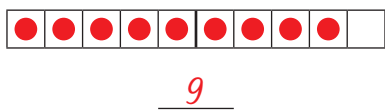
Herausgegeben von
Ursula Manten
Gudrun Hütten
Klaus Heinze



Erarbeitet von
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Sandra Scheewe

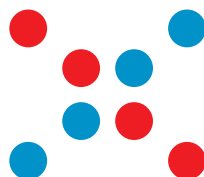
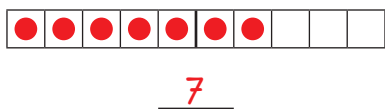
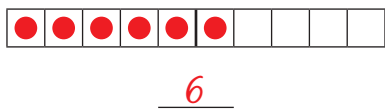
Cornelsen





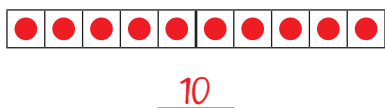
	
1	5



	
6	3



	
4	4



①

●	●
3	2

●	●	●	●	●					
---	---	---	---	---	--	--	--	--	--

②

●	●
4	3

●	●	●	●	●	●	●				
---	---	---	---	---	---	---	--	--	--	--

③

●	●
2	3

●	●	●	●	●					
---	---	---	---	---	--	--	--	--	--

④

●	●
3	5

●	●	●	●	●	●	●				
---	---	---	---	---	---	---	--	--	--	--

⑤ Immer 8

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

①

2	
0	2
1	1
2	0



3	
3	0
2	1
1	2
0	3

4	
0	4
1	3
2	2
3	1
4	0

5	
5	0
1	4
3	2
2	3
4	1
0	5



②

3	
1	2
3	0
2	1

6	
2	4
1	5
3	3

4	
1	3
2	2
4	0

8	
6	2
4	2
7	1

z.B.

5	
5	0
2	3
1	4

③

5	
2	3
4	1

3	
0	3
1	2

0

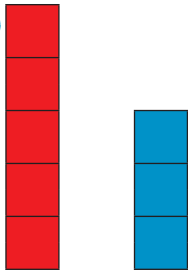
4	
2	2
3	1

8	
5	3
7	1

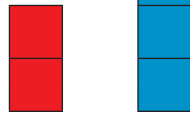
z.B.

7	
1	6
7	0

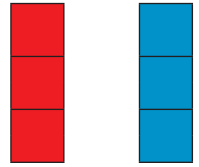
①



$$\underline{5} > \underline{3}$$



$$\underline{2} < \underline{4}$$



$$\underline{3} = \underline{3}$$

② $5 > 4$

$5 > 3$

$5 > 2$

$5 > 1$

$5 = 5$

③ $4 > 3$

$4 > 2$

$4 = 4$

$4 > 1$

$4 > 0$

④ $6 > 2$

$6 = 6$

$6 > 0$

$6 > 5$

$6 > 1$

⑤ $8 = 8$

$8 > 1$

$8 < 9$

$8 > 0$

$8 < 10$

⑥ $7 < 10$

z.B.

$7 < 9$

$7 > 1$

$7 = 7$

⑦ $9 = 9$

z.B.

$9 < 10$

$9 > 3$

$9 > 5$

⑧ $8 > 4$

z.B.

$8 < 9$

$8 = 8$

$8 > 0$

Welche
Zahlen passen?



⑨ $6 < 8$

z.B.

$7 > 5$

$9 < 10$

⑩ $6 > 2$

z.B.

$1 = 1$

$3 > 0$

⑪ $3 = 3$

z.B.

$8 > 6$

$5 < 9$

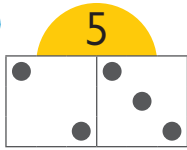
⑫ $1 < 9$

z.B.

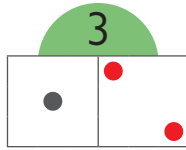
$2 > 0$

$3 < 7$

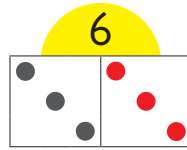
①



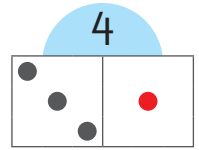
$$\underline{2} + \underline{3}$$



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

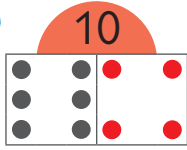


$$\underline{3} + \underline{3}$$

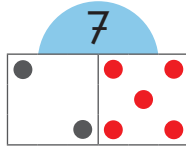


$$\underline{3} + \underline{1}$$

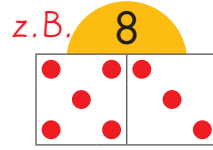
②



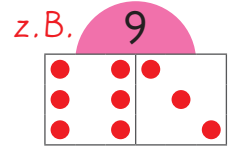
$$\underline{6} + \underline{4}$$



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

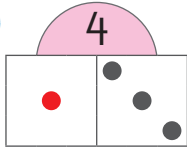


$$\underline{5} + \underline{3}$$

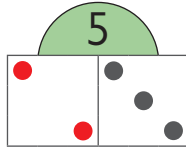


$$\underline{6} + \underline{3}$$

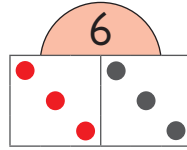
③



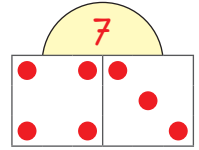
$$\underline{1} + \underline{3}$$



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



$$\underline{3} + \underline{3}$$



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

④

5	
0	5
1	4
2	3
3	2
4	1
5	0

4	
4	0
3	1
2	2
1	3
0	4

z.B.

3	
0	3
1	2
2	1
3	0



z.B.

2	
0	2
1	1
2	0

z.B.

1	
0	1
1	0

① $2 + 4$ 

$4 + 2$ 



② $3 + 1$ 

$1 + 3$ 

$1 + 7$ 

$7 + 1$ 

$2 + 5$ 

$5 + 2$ 

$4 + 1$ 

$1 + 4$ 

③ $2 + 3$ 

$3 + 2$ 

$4 + 5$ 

$5 + 4$ 

④ $3 + 7$ 

$7 + 3$ 



⑤ $2 < 4$

⑥ $7 = 7$

⑦ $0 < 10$

⑧ $1 < 9$

$5 < 7$

$1 > 0$

$2 < 8$

$3 < 7$

$8 > 3$

$10 > 2$

$4 < 6$

$5 = 5$

$6 > 1$

$5 < 9$

$6 > 4$

$7 > 3$

$9 > 7$

$4 > 3$

$8 > 2$

$9 > 1$

①

7	
3	4
1	6
5	2
0	7

5	
1	4
2	3
4	1
3	2

8	
4	4
3	5
8	0
5	3

3	
1	2
0	3
2	1
3	0

z.B.

9	
8	1
7	2
6	3
5	4

②

6	
4	2
1	5
3	3
0	6

4	
2	2
1	3
3	1
0	4

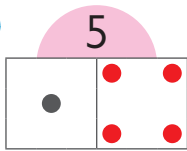
10	
3	7
5	5
4	6
2	8

10	
8	2
1	9
0	10
4	6

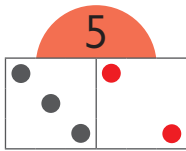
z.B.

8	
3	5
4	4
0	8
1	7

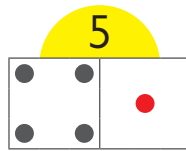
③



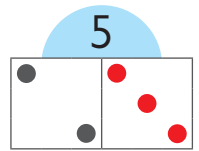
$$\underline{1} + \underline{4}$$



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

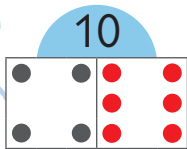


$$\underline{4} + \underline{1}$$

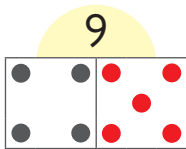


$$\underline{2} + \underline{3}$$

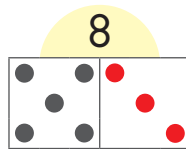
④



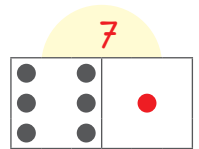
$$\underline{4} + \underline{6}$$



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

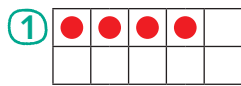


$$\underline{5} + \underline{3}$$

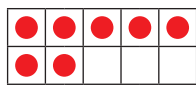


$$\underline{6} + \underline{1}$$

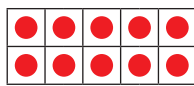




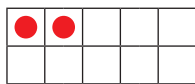
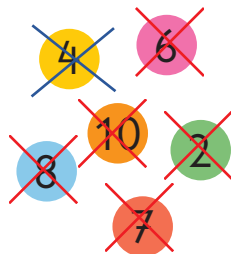
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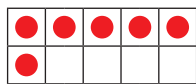
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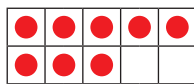
10



2



6



8



$5 + 4$



$5 + 2$



$5 + 0$



$5 + 5$



$5 + 1$



$5 + 3$

③ $8 < \underline{10}$

$4 > \underline{3}$

$3 < \underline{6}$

$8 > \underline{4}$

$9 > \underline{8}$

④ $10 > \underline{2}$

z.B.


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

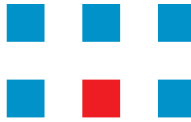
$\underline{1} < \underline{8}$

$\underline{0} < \underline{3}$

$\underline{7} > \underline{5}$





① 
 $3 + 2 = 5$



 $5 + 1 = 6$











4 plus 2 gleich 6
 $4 + 2 = 6$



② 
 $2 + 1 = 3$


 $2 + 2 = 4$


 $3 + 1 = 4$

③ 










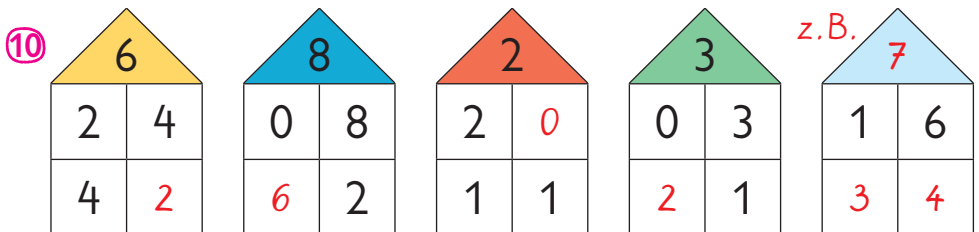
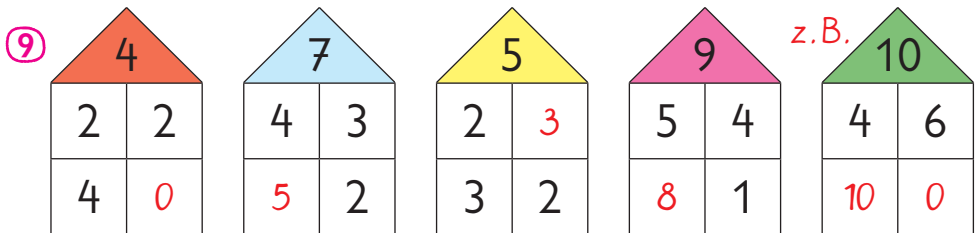
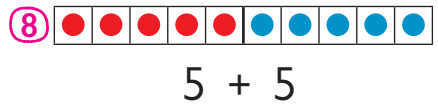
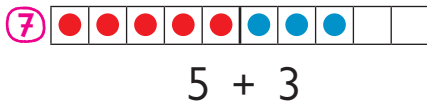
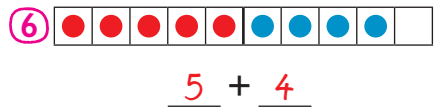
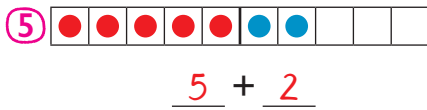
$5 + 5 = 10$
 $2 + 8 = 10$
 $6 + 4 = 10$
 $1 + 9 = 10$
 $10 + 0 = 10$
 $7 + 3 = 10$
 $3 + 7 = 10$
 $8 + 2 = 10$
 $4 + 6 = 10$
 $0 + 10 = 10$

④ $1 + 1 = 2$

$3 + 3 = 6$

$5 + 5 = 10$

- ① $8 = 8$ ② $9 > 5$ ③ $4 < 8$ ④ $6 < \underline{10}$
 7 $<$ 8 8 $>$ 6 5 $<$ 8 z.B. 7 $>$ 3
 6 $<$ 8 7 $=$ 7 6 $<$ 8 8 $=$ 8
 5 $<$ 8 6 $<$ 8 7 $<$ 8 9 $<$ 10



- ⑪ $3 + 1 = \underline{4}$ ⑫ $6 + 1 = \underline{7}$ ⑬ $4 + 3 = \underline{7}$ ⑭ $5 + 2 = \underline{7}$
 $3 + 2 = \underline{5}$ $6 + 2 = \underline{8}$ $4 + 6 = \underline{10}$ $8 + 1 = \underline{9}$
 $3 + 3 = \underline{6}$ $6 + 3 = \underline{9}$ $4 + 5 = \underline{9}$ $7 + 0 = \underline{7}$



$2 + 3 = 5$



$5 + 4 = 9$



$1 + 3 = 4$



$7 + 3 = 10$



$2 + 6 = 8$



② $5 + 1 = 6$

③ $3 + 3 = 6$

④ $6 + 4 = 10$

$5 + 2 = 7$

$3 + 4 = 7$

$5 + 4 = 9$



$5 + 3 = 8$

$3 + 5 = 8$

$4 + 4 = 8$

$5 + 4 = 9$

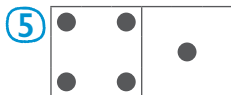
$3 + 6 = 9$

$3 + 4 = 7$

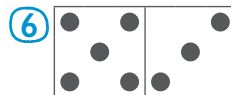
$5 + 5 = 10$

$3 + 7 = 10$

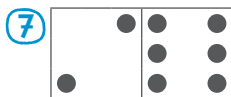
$2 + 4 = 6$



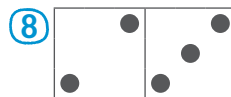
$4 + 1 = 5$



$5 + 3 = 8$

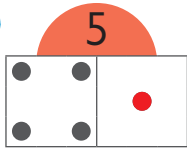


$2 + 6 = 8$

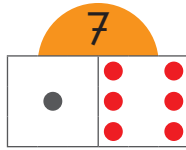


$2 + 3 = 5$

①

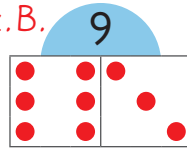


$$4 + 1$$



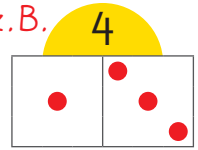
$$1 + 6$$

z.B.



$$6 + 3$$

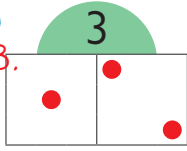
z.B.



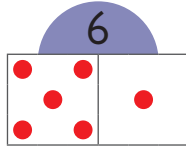
$$1 + 4$$

②

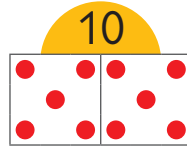
z.B.



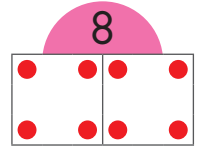
$$1 + 2$$



$$5 + 1$$



$$5 + 5$$



$$4 + 4$$

$$\textcircled{3} 4 + 3 = 7 \quad \textcircled{4} 0 + 5 = 5 \quad \textcircled{5} 8 + 1 = 9 \quad \textcircled{6} 2 + 3 = 5$$

$$5 + 2 = 7 \quad 4 + 0 = 4 \quad 7 + 2 = 9 \quad 4 + 3 = 7$$

$$6 + 1 = 7 \quad 0 + 3 = 3 \quad 6 + 3 = 9 \quad 6 + 3 = 9$$

$$7 + 0 = 7 \quad 2 + 0 = 2 \quad 5 + 4 = 9 \quad _ + _ = _$$

$$\textcircled{7} 5 + 0 = 5 \quad \textcircled{8} 0 + 5 = 5 \quad \textcircled{9} 9 + 1 = 10$$

$$5 + 1 = 6 \quad 1 + 5 = 6 \quad 8 + 2 = 10$$

$$5 + 2 = 7 \quad 2 + 5 = 7 \quad 7 + 3 = 10$$

$$5 + 3 = 8 \quad 3 + 5 = 8 \quad 6 + 4 = 10$$

$$5 + 4 = 9 \quad 4 + 5 = 9 \quad 5 + 5 = 10$$

$$5 + 5 = 10 \quad 5 + 5 = 10 \quad 4 + 6 = 10$$

$① 0 + 0 = \underline{0}$

$0 + 1 = \underline{1}$

$1 + 1 = \underline{2}$

$1 + 2 = \underline{3}$

$② 9 + 0 = \underline{9}$

$8 + 1 = \underline{9}$

$7 + 2 = \underline{9}$

$6 + 3 = \underline{9}$

$③ 0 + 2 = \underline{2}$

$2 + 2 = \underline{4}$

$4 + 2 = \underline{6}$

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



$④ 7 + 3 = \underline{10}$

$3 + 7 = \underline{10}$

$⑤ 4 + 6 = \underline{10}$

$6 + 4 = \underline{10}$

$⑥ 0 + 10 = \underline{10}$

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



$⑦ 1 + 4 = \underline{5}$

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

$⑧ 5 + 4 = \underline{9}$

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

$⑨ \underline{2} + \underline{8} = \underline{10}$

z.B.

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

$⑩ \underline{1} + \underline{9} = 10$ z.B. $\underline{8} + \underline{2} = 10$

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

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



⑪

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

⑫

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

⑬

+	1	2	3	4	5	6
0	1	2	3	4	5	6



① Immer 7

$7 + \underline{0} = 7$

$6 + \underline{1} = 7$

$5 + \underline{2} = 7$

$4 + \underline{3} = 7$

$3 + \underline{4} = 7$

$2 + \underline{5} = 7$

$1 + \underline{6} = 7$

② Immer 8

$8 + \underline{0} = 8$

$7 + \underline{1} = 8$

$6 + \underline{2} = 8$

$5 + \underline{3} = 8$

$4 + \underline{4} = 8$

$3 + \underline{5} = 8$

$2 + \underline{6} = 8$

③ Immer 10

z.B.

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

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

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

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

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

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

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

④ $0 + \underline{2} = 2$

$4 + \underline{0} = 4$

$6 + \underline{2} = 8$

$8 + \underline{2} = 10$

⑤ $7 + \underline{2} = 9$

$4 + \underline{2} = 6$

$3 + \underline{2} = 5$

$8 + \underline{0} = 8$

⑥ $2 + \underline{8} = 10$

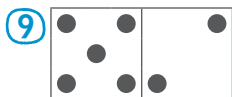
$3 + \underline{6} = 9$

$4 + \underline{4} = 8$

$5 + \underline{2} = 7$

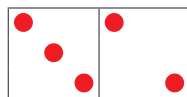
+	2	4	6	8
2	4	6	8	10

+	1	3	5	7
3	4	6	8	10



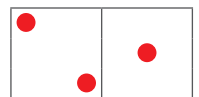
$7 = 5 + 2$

z.B.



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

z.B.



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

$① 2 + 3 = \underline{5}$

$3 + 4 = \underline{7}$

$4 + 5 = \underline{9}$

$5 + 6 = \underline{11}$



$② 3 + 3 = \underline{6}$

$4 + 3 = \underline{7}$

$5 + 3 = \underline{8}$

$6 + 3 = \underline{9}$



$③ 8 + 1 = \underline{9}$

$7 + 2 = \underline{9}$

$6 + 3 = \underline{9}$

$5 + 4 = \underline{9}$

$④ 2 + 3 + 4 = \underline{9}$

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

$7 + 0 + 2 = \underline{9}$

$2 + 5 + 1 = \underline{8}$

$⑤ 6 + 2 + 0 = \underline{8}$

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

$2 + 2 + 4 = \underline{8}$

$5 + 3 + 1 = \underline{9}$



$⑥ 10 = 3 + 3 + \underline{4}$

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

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

$⑦ 10 = 2 + \underline{6} + 2$

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

z.B. $10 = \underline{0} + \underline{0} + \underline{10}$

$⑧ 5 = 1 + 2 + \underline{2}$

z.B.

$5 = 4 + \underline{1} + \underline{0}$

$5 = 0 + \underline{3} + \underline{2}$

$5 = \underline{3} + \underline{1} + \underline{1}$

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

$⑨ 6 = 3 + \underline{3} + \underline{0}$


z.B.


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


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


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


$6 = \underline{4} + \underline{1} + \underline{1}$


① 
 $5 - 1 = 4$


 $5 - 3 = 2$


 $5 - 2 = 3$

② 
 $7 - 3 = 4$


 $6 - 1 = 5$


 $7 - 2 = 5$

③ $5 - 0 = 5$

④ $10 - 5 = 5$

⑤ $6 - 4 = 2$

$4 - 2 = 2$

$9 - 4 = 5$

$5 - 3 = 2$

$6 - 4 = 2$

$8 - 3 = 5$



$4 - 2 = 2$

$9 - 7 = 2$

$7 - 2 = 5$

$3 - 1 = 2$

$10 - 5 = 5$

$6 - 1 = 5$

$2 - 0 = 2$

⑥ $4 - 3 = 1$

$4 - 2 = 2$

$7 - 2 = 5$

$4 - 1 = 3$

$4 - 2 = 2$



$7 - 5 = 2$

⑦ $10 - 6 = 4$

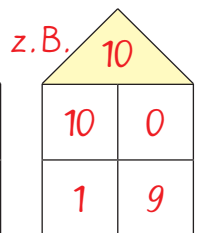
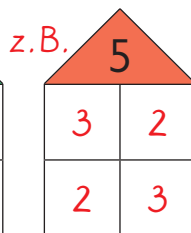
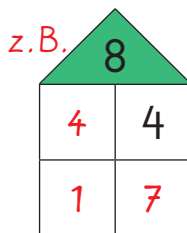
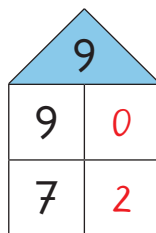
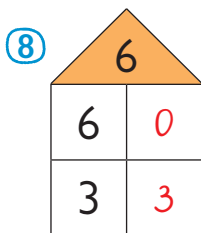
$8 - 3 = 5$


$9 - 2 = 7$

$10 - 4 = 6$

$8 - 5 = 3$

$9 - 7 = 2$



①  $10 - \underline{5} = \underline{5}$

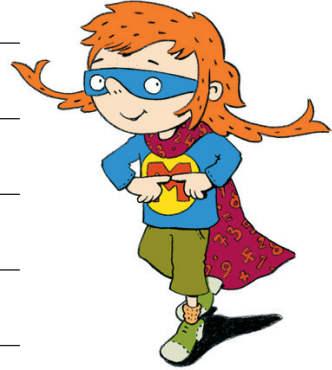
 $10 - \underline{4} = \underline{6}$

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

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

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

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



② $10 - 6 = \underline{4}$

③ $9 - 5 = \underline{4}$

④ $10 - \underline{2} = 8$

$10 - 7 = \underline{3}$

$8 - 5 = \underline{3}$

$10 - \underline{4} = 6$

$10 - 8 = \underline{2}$

$7 - 5 = \underline{2}$

$10 - \underline{6} = 4$

$10 - 9 = \underline{1}$

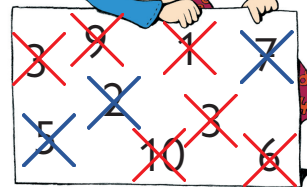
$6 - 5 = \underline{1}$

$10 - \underline{1} = 9$

$10 - 10 = \underline{0}$

$5 - 5 = \underline{0}$

$10 - \underline{5} = 5$



⑤ $\underline{7} - \underline{2} = 5$

z.B. $\underline{10} - \underline{1} = 9$

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

⑥

-	5	4	3	2
10	5	6	7	8

⑦

-	0	2	4	6
8	8	6	4	2

① $3 + 3 = \underline{6}$

$4 + 3 = \underline{7}$

$4 + 4 = \underline{8}$

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

② $4 + \underline{6} = 10$

$6 + \underline{4} = 10$

$5 + \underline{2} = 7$

$\underline{7} + \underline{0} = 7$

③ $5 + \underline{4} = 9$

$4 + \underline{5} = 9$

$3 + \underline{6} = 9$

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

④ $8 - 5 = \underline{3}$

$7 - 4 = \underline{3}$

$6 - 3 = \underline{3}$

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

⑤ $9 - \underline{3} = 6$

$6 - \underline{2} = 4$

$4 - \underline{1} = 3$

$\underline{2} - \underline{0} = \underline{2}$

⑥ $8 - \underline{7} = 1$

$8 - \underline{6} = 2$

$8 - \underline{5} = 3$

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



⑦

2

5

8

10

$0 + 2$

$2 + 8$

$6 + 2$

$3 + 5$

$2 + 3$

$6 - 4$

$9 + 1$

$8 + 0$

$4 + 4$

$4 + 1$

$4 - 2$

$5 + 5$

$7 + 3$

$0 + 8$

$3 + 2$

$10 - 8$

$6 + 4$

$10 - 0$

$10 - 2$

$10 - 5$

$① 5 - 5 = \underline{0}$

$5 - 4 = \underline{1}$

$5 - 3 = \underline{2}$

$5 - 2 = \underline{3}$

$5 - 1 = \underline{4}$

$5 - 0 = \underline{5}$

$② 6 - 6 = \underline{0}$

$6 - 5 = \underline{1}$

$6 - 4 = \underline{2}$

$6 - 3 = \underline{3}$

$6 - 2 = \underline{4}$

$6 - 1 = \underline{5}$

$6 - 0 = \underline{6}$

$③ 7 - 7 = \underline{0}$

$7 - 6 = \underline{1}$

$7 - 5 = \underline{2}$

$7 - 4 = \underline{3}$

$7 - 3 = \underline{4}$

$7 - 2 = \underline{5}$

$7 - 1 = \underline{6}$

$7 - 0 = \underline{7}$



$④ 10 - 1 = \underline{9}$

$9 - 2 = \underline{7}$

$8 - 3 = \underline{5}$

$7 - 4 = \underline{3}$

$6 - 5 = \underline{1}$

$⑤ 10 - 2 = \underline{8}$

$8 - 2 = \underline{6}$

$6 - 2 = \underline{4}$

$4 - 2 = \underline{2}$

$2 - 2 = \underline{0}$

$⑥ 9 - 1 = \underline{8}$

$8 - 2 = \underline{6}$

$7 - 3 = \underline{4}$

$6 - 4 = \underline{2}$

$5 - 5 = \underline{0}$

 $⑦$

6	
3	3
1	5

z.B.

7	
2	5
5	2

z.B.

8	
3	5
1	7

z.B.

9	
2	7
9	0

z.B.

10	
10	0
4	6

① $9 + \underline{1} = 10$

$7 + \underline{3} = 10$

$4 + \underline{6} = 10$

② $2 + \underline{8} = 10$

$10 + \underline{0} = 10$

$1 + \underline{9} = 10$

③ $\underline{4} + 6 = 10$

$\underline{2} + 8 = 10$

$\underline{10} + 0 = 10$

④ $10 - \underline{5} = 5$

$5 - \underline{2} = 3$

$6 - \underline{5} = 1$

⑤ $8 - \underline{4} = 4$

$6 - \underline{3} = 3$

$4 - \underline{2} = 2$

⑥ $7 - \underline{5} = 2$

$3 - \underline{3} = 0$

$9 - \underline{6} = 3$

⑦ Immer 9

$1 + \underline{8} = 9$

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

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

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

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

⑧ Immer 5

$10 - \underline{5} = 5$

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

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

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

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

⑨ $9 > 8$

$2 < 7$

$10 = 10$

$4 < 9$

$6 > 5$

$7 = 7$



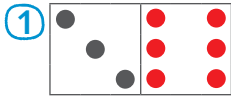
⑩

-	4	2	0
6	2	4	6
8	4	6	8
10	6	8	10

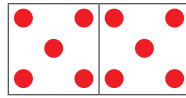


⑪

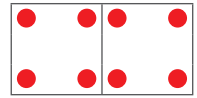
+	0	1	3
3	3	4	6
5	5	6	8
7	7	8	10



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



z.B. $10 = \underline{5} + \underline{5}$



z.B. $8 = \underline{4} + \underline{4}$

② $6 + 1 = \underline{7}$

$\underline{7} - 1 = 6$

$8 + 2 = \underline{10}$

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

$4 + 3 = \underline{7}$

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

③ $2 + \underline{7} = 9$

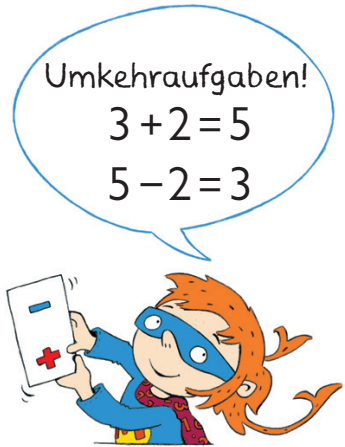
$\underline{9} - \underline{7} = 2$

$5 + \underline{1} = 6$

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

$1 + \underline{7} = 8$

$8 - \underline{7} = 1$



④ $4 + 1 = \underline{5}$

$\underline{5} - 1 = 4$

$3 + 4 = \underline{7}$

$\underline{7} - 4 = 3$

$2 + 3 = \underline{5}$

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

⑤ $3 + \underline{7} = 10$

$\underline{10} - 7 = 3$

$1 + 9 = \underline{10}$

$\underline{10} - 9 = 1$



⑥ $2 + 4 = \underline{6}$

$\underline{6} - 4 = 2$

$3 + 5 = \underline{8}$

$\underline{8} - 5 = 3$

z.B. $\underline{5} + \underline{5} = 10$

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

z.B. $4 + \underline{5} = \underline{9}$

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

$① 10 - 7 = \underline{3}$

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

$10 - 9 = \underline{1}$

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

$② 10 - 8 = \underline{2}$

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

$10 - 6 = \underline{4}$

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

Ich
rechne
geschickt!



$③ 2 + 3 + 4 = \underline{9}$

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

$④ 1 + 4 + 5 = \underline{10}$

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

$⑤ 10 - 7 - 2 = \underline{1}$

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

$⑥ 9 - 4 - 2 = \underline{3}$

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

$⑦ 10 - 0 - 4 = \underline{6}$

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

$10 - 2 - 0 = \underline{8}$

$z.B. 10 - \underline{1} - \underline{0} = \underline{9}$

$⑧ 10 - 3 - 2 = \underline{5}$

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

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

$z.B. 10 - \underline{6} - \underline{2} = \underline{2}$

⑨

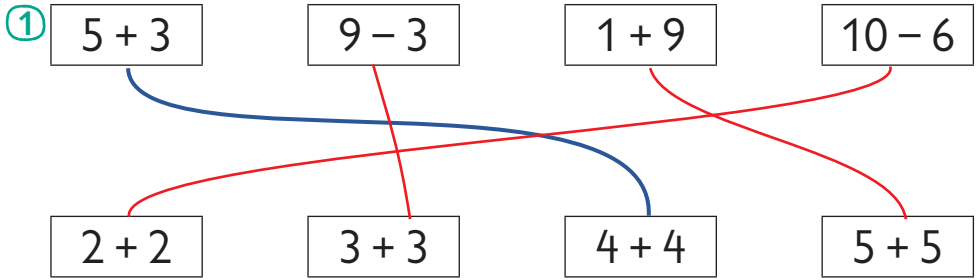
7		
2	2	3
0	1	6

z.B.

9		
5	1	3
2	2	5

z.B.

10		
5	5	0
4	4	2



② $2 + 2 + 2 + 2 = \underline{8}$

$6 + 3 + 0 + 1 = \underline{10}$

$1 + 2 + 3 + 4 = \underline{10}$

$5 + 1 + 1 + 3 = \underline{10}$

③ $10 - 3 - 1 - 0 = \underline{6}$

$9 - 4 - 2 - 1 = \underline{2}$

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

z.B. $7 - 6 - 1 - 0 = \underline{0}$

④ $5 - 1 = \underline{4}$

$10 + 0 = \underline{10}$

$7 - 7 = \underline{0}$

$5 + 2 = \underline{7}$

$10 - 2 = \underline{8}$

$7 - 5 = \underline{2}$

$5 - 4 = \underline{1}$

$8 - 3 = \underline{5}$

$7 - 4 = \underline{3}$

~~0, 1, 2, 3, 4, 5, 7, 8, 9, 10~~

⑤ 7 ist kleiner als 5.

wahr falsch

8 ist größer als 6.

wahr falsch

Wahr oder falsch?



$① 4 + 6 = \underline{10}$

$6 + 4 = \underline{10}$

$3 + 4 = \underline{7}$

$4 + 3 = \underline{7}$

$2 + 8 = \underline{10}$

$8 + 2 = \underline{10}$

$② 5 + 2 = \underline{7}$

$\underline{7} - 2 = 5$

$7 + 1 = \underline{8}$

$\underline{8} - 1 = 7$

$6 + 3 = \underline{9}$

$\underline{9} - 3 = 6$



$④ 1 + 1 + \underline{8} = 10$

$2 + 2 + \underline{6} = 10$

$3 + 3 + \underline{4} = 10$

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

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



$⑤ 10 - 2 - \underline{3} = 5$

z.B. $9 - \underline{1} - \underline{3} = 5$

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

$7 - \underline{1} - \underline{1} = \underline{5}$

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

$⑥ \begin{array}{|c|c|c|} \hline 2 & 4 & 6 \\ \hline \end{array}$

$2 + 4 = \underline{6}$

$4 + 2 = \underline{6}$

$6 - 4 = \underline{2}$

$6 - 2 = \underline{4}$

$⑦ \begin{array}{|c|c|c|} \hline 3 & 5 & 8 \\ \hline \end{array}$

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

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

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

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

$⑧ \begin{array}{|c|c|c|} \hline 7 & 3 & 4 \\ \hline \end{array}$

$4 + \underline{3} = 7$

$3 + \underline{4} = 7$

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

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

$① \quad 5 + 2 = \underline{7}$

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

$② \quad 2 + 3 = \underline{5}$

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

$③ \quad 4 + 1 = \underline{5}$

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

$4 + 3 = \underline{7}$

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

$1 + \underline{4} = 5$

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

$6 + \underline{2} = 8$

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

$8 + 2 = \underline{10}$

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

$\text{z.B. } \underline{3} + \underline{6} = 9$

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

$\text{z.B. } \underline{1} + \underline{6} = 7$

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

④

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

⑤

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



$⑥ \quad 9 - 6 = \underline{3}$

$8 - 5 = \underline{3}$

$7 - 4 = \underline{3}$

$6 - 3 = \underline{3}$

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



$⑦ \quad 10 - 9 = \underline{1}$

$9 - 7 = \underline{2}$

$8 - 5 = \underline{3}$

$7 - 3 = \underline{4}$

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

$⑧ \quad 10 - 1 = \underline{9}$

$9 - 2 = \underline{7}$

$8 - 3 = \underline{5}$

$7 - 4 = \underline{3}$

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

$① 8+2 = 10$

$7+2 < 10$

$6+2 < 10$

$5+2 < 10$

$② 9-7 < 5$

$9-6 < 5$

$9-5 < 5$

$9-4 = 5$

$③ 3+ \underline{6} > 5$

z.B. $7- \underline{0} = 7$

$4+ \underline{1} < 6$

$8- \underline{0} > 7$

$④ 9 = 3+ \underline{6}$

$6 = 0+ \underline{6}$

$3 = 2+ \underline{1}$

$8 = 1+ \underline{7}$

$⑤ 7 = 5+ \underline{2}$

$10 = 3+ \underline{7}$

$4 = 0+ \underline{4}$

$2 = 1+ \underline{1}$

$⑥ 2+8 = \underline{10}$

$8+2 = \underline{10}$

$4+6 = \underline{10}$

$6+4 = \underline{10}$

$⑦ 9 = 10- \underline{1}$

$6 = 9- \underline{3}$

$3 = 6- \underline{3}$

$4 = 7- \underline{3}$

$⑧ \underline{3} = 7-4$

$\underline{5} = 7-2$

$\underline{7} = 8-1$

$\underline{9} = 9-0$

$⑨ 5+4 = \underline{9}$

$4+5 = \underline{9}$

$9-4 = \underline{5}$

$9-5 = \underline{4}$

⑩

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



$① 1 + \underline{1} < 10$

$1 + \underline{2} < 10$

$1 + \underline{3} < 10$

$1 + \underline{4} < 10$

$1 + \underline{5} < 10$

$1 + \underline{6} < 10$

$② 10 - \underline{0} > 5$

$10 - \underline{1} > 5$

$10 - \underline{2} > 5$

$10 - \underline{3} > 5$

$10 - \underline{4} > 5$

$10 - \underline{5} = 5$



$③ 9 - 4 = \underline{5}$

$5 - 3 = \underline{2}$

$8 - 6 = \underline{2}$

$7 - 5 = \underline{2}$

$4 - 4 = \underline{0}$

$④ 8 + \underline{0} = 8$

$6 + \underline{3} = 9$

$3 + \underline{2} = 5$

$0 + \underline{0} = 0$

$7 + \underline{3} = 10$

$⑤ \underline{4} + 6 = 10$

$\underline{8} + 2 = 10$

$\underline{9} + 1 = 10$

$\underline{6} + 4 = 10$

$\underline{5} + 5 = 10$

$⑥ 4 + 2 + 3 = \underline{9}$

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

$7 + 3 + 0 = \underline{10}$



$⑦ \underline{8} = 9 - 0 - 1$

$\underline{4} = 8 - 2 - 2$

$\underline{2} = 6 - 4 - 0$

$⑧ 4 + \underline{2} + 4 = 10$

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

$3 + 3 + \underline{4} = 10$



$⑨ 5 + 5 - 5 = \underline{5}$

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

z.B. $\underline{3} + \underline{3} - \underline{3} = \underline{3}$

$① 7 - 4 + 4 = \underline{7}$

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

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

$7 - 0 + 0 = \underline{7}$

$② 5 + 3 - 3 = \underline{5}$

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

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

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



$③ 6 + \underline{3} - 3 = 6$

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

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

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

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

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

⑤

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

⑥

6	
3	3
2	4

⑦

7	
2	5
7	0

⑧

8	
6	2
5	3

⑨

9	
5	4
9	0

⑩

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



$10 + 0 = \underline{10}$



$10 + 1 = \underline{11}$



$10 + 2 = \underline{12}$



$10 + 3 = \underline{13}$



$10 + 4 = \underline{14}$



$10 + 5 = \underline{15}$



$10 + 6 = \underline{16}$



$10 + 7 = \underline{17}$



$10 + 8 = \underline{18}$



$10 + 9 = \underline{19}$



$10 + 10 = \underline{20}$

So geht es weiter bis 20!





① 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

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

1, 3, 5, 7, 9, 11, 13, 15, 17, 19

②

1	2	3	11	12	13	
5	6	7	15	16	17	
9	10	11	z.B.	18	19	20



③

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

① $7 - 2 = \underline{5}$

$5 + \underline{2} = 7$

$9 - 3 = \underline{6}$

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

② $4 + 5 = \underline{9}$

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

$6 + 4 = \underline{10}$

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

③ $3 + 4 = \underline{7}$

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

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

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



④ $3 + 4 + 3 = \underline{10}$

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

$2 + 6 + 2 = \underline{10}$

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



⑤ $8 - 2 + 4 = \underline{10}$

$7 + 3 - 4 = \underline{6}$

$5 + 5 - 1 = \underline{9}$

$9 - 4 + 3 = \underline{8}$

⑥ $5 + 3 > 7$

$8 + 2 > 4$

$6 + 4 > 5$

$5 + 0 = 5$

⑦ $8 + \underline{2} > 9$

$8 + \underline{1} = 9$

$8 + \underline{0} < 9$

$9 + \underline{0} = 9$

⑧ $10 - 0 < \underline{12}$
z.B.

$10 + 2 < \underline{14}$

$10 + 4 < \underline{16}$

$10 + 6 < \underline{18}$

⑨ $\boxed{20}, 19, 18, \underline{17}, 16, \boxed{15}, \underline{14}, \underline{13}, \underline{12}, \underline{11}, \boxed{10}$

$19, 17, \underline{15}, \underline{13}, \underline{11}, \underline{9}, \underline{7}, \boxed{5}$

$① 10 + 2 = \underline{12}$

$10 + 4 = \underline{14}$

$10 + 6 = \underline{16}$

$10 + 8 = \underline{18}$

$10 + 10 = \underline{20}$

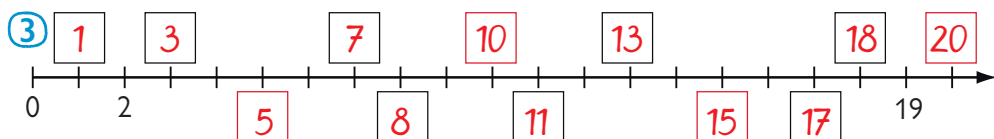
$② 10 + \underline{0} = 10$

$10 + \underline{10} = 20$

$10 + \underline{2} = 12$

$10 + \underline{8} = 18$

$10 + \underline{9} = 19$



$④ 10 = 10 + \underline{0}$

$11 = 10 + \underline{1}$

$12 = 10 + \underline{2}$

$13 = 10 + \underline{3}$

$14 = 10 + \underline{4}$

$15 = 10 + \underline{5}$

$16 = 10 + \underline{6}$

$17 = 10 + \underline{7}$

$18 = 10 + \underline{8}$

$19 = 10 + \underline{9}$

$20 = 10 + \underline{10}$

$⑤ \underline{4} + 10 = 14$

$\underline{10} + 10 = 20$

$\underline{1} + 10 = 11$

$\underline{7} + 10 = 17$

$\underline{2} + 10 = 12$

$\underline{9} + 10 = 19$

$\underline{3} + 10 = 13$

$\underline{8} + 10 = 18$

$\underline{6} + 10 = 16$

$\underline{0} + 10 = 10$

$\underline{5} + 10 = 15$

$⑥ \underline{20} = 10 + 10$

$\underline{10} = 10 + 0$

$\underline{19} = 10 + 9$

$\underline{11} = 10 + 1$

$\underline{18} = 10 + 8$

$\underline{12} = 10 + 2$

$\underline{17} = 10 + 7$

$\underline{13} = 10 + 3$

$\underline{16} = 10 + 6$

$\underline{14} = 10 + 4$

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

①

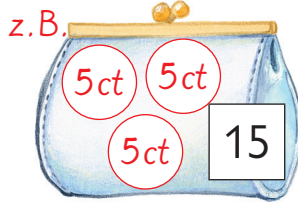
$10 + 5$	$7 + 10$	$10 + 9$	$10 + 3$	$8 + 10$
$3 + 10$	$9 + 10$	$10 + 8$	$10 + 7$	$5 + 10$

②

2	5	8	10
---	---	---	----

$4 - 2$	$4 + 0 + 1$	$18 - 8$
$15 - 10$	$2 + 7 - 1$	$10 - 7 + 7$
$1 + 2 + 3 + 4$	$10 - 6 + 1$	
$2 + 2 + 2 + 2$	$7 - 5$	$5 + 4 - 3 + 2$
$3 + 2 + 3$	$10 - 6 + 6$	$6 + 2 - 3$
$6 + 6 - 2$	$10 - 8$	$4 + 5 + 1$
$12 - 10$	$0 + 8 - 0$	$2 + 4 + 2$

①



② $10 = 10 + \underline{0}$

$11 = 10 + \underline{1}$

$12 = 10 + \underline{2}$

$13 = 10 + \underline{3}$

$14 = 10 + \underline{4}$

$15 = 10 + \underline{5}$

③ $20 - 10 = \underline{10}$

$19 - 9 = \underline{10}$

$18 - 8 = \underline{10}$

$17 - 7 = \underline{10}$

$16 - 6 = \underline{10}$

$15 - 5 = \underline{10}$

④ $14 - 4 = \underline{10}$

$17 - 7 = \underline{10}$

$15 - 5 = \underline{10}$

$12 - 2 = \underline{10}$

$20 - 10 = \underline{10}$

$11 - 1 = \underline{10}$

⑤ $16 - \underline{6} = 10$

$19 - \underline{9} = 10$

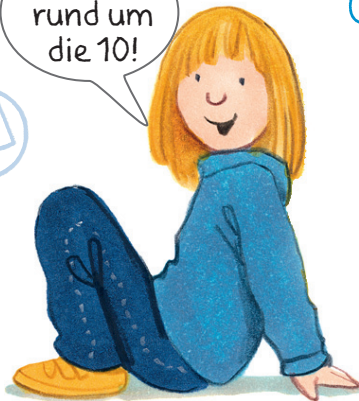
$20 - \underline{10} = 10$

$10 - \underline{0} = 10$

$12 - \underline{2} = 10$

$13 - \underline{3} = 10$

Rechnen
rund um
die 10!



⑥ $\underline{17} - 7 = 10$

$\underline{11} - 1 = 10$


$\underline{13} - 3 = 10$

$\underline{15} - 5 = 10$

$\underline{18} - 8 = 10$

$\underline{14} - 4 = 10$

①  $12 = 10 + 2$

 $12 = 15 - 3$

Immer mit 10 und 15



② $10 = 10 + \underline{0}$ ③ $11 = 10 + \underline{1}$

$10 = 15 - \underline{5}$ $11 = 15 - \underline{4}$

④ $13 = \underline{10} + \underline{3}$ ⑤ $14 = \underline{10} + \underline{4}$ ⑥ $15 = \underline{10} + \underline{5}$

$13 = \underline{15} - \underline{2}$ $14 = \underline{15} - \underline{1}$ $15 = \underline{15} - \underline{0}$

⑦

-	5	4	3	2	1	0
15	10	11	12	13	14	15

⑧ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

10, 12, 14, 16, 18, 20,

5, 10, 15, 20



20, 18, 16, 14, 12, 10, 8, 6



① $5 + 3 = \underline{8}$

$16 + 4 = \underline{20}$

$6 + 4 = \underline{10}$

$12 + 3 = \underline{15}$

$2 + 3 = \underline{5}$

$18 + 1 = \underline{19}$

$8 + 1 = \underline{9}$

$15 + 3 = \underline{18}$

$5 + 5 = \underline{10}$

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



$4 + 1 = \underline{5}$



$14 + 1 = \underline{15}$

③ $1 + 1 = \underline{2}$

④ $4 + 4 = \underline{8}$

⑤ $7 + 3 = \underline{10}$

$11 + 1 = \underline{12}$

$14 + 4 = \underline{18}$

$17 + 3 = \underline{20}$

$2 + 2 = \underline{4}$

$5 + 5 = \underline{10}$

$9 + 1 = \underline{10}$

$12 + 2 = \underline{14}$

$15 + 5 = \underline{20}$

$19 + 1 = \underline{20}$

$3 + 3 = \underline{6}$

$0 + 1 = \underline{1}$

$8 + 2 = \underline{10}$

$13 + 3 = \underline{16}$

$10 + 1 = \underline{11}$

$18 + 2 = \underline{20}$



$17 - 7 = 10$

$14 - 4 = 10$

$11 - 1 = 10$

$17 - 10 = 7$

$14 - 10 = 4$

$11 - 10 = 1$

$18 - 8 = 10$

$16 - 6 = 10$

$12 - 2 = 10$

$18 - 10 = 8$

$16 - 10 = 6$

$12 - 10 = 2$

$12 + 2 = 14$

$20 - 2 = 18$

$20 - 1 = 19$

$13 + 2 = 15$

$20 - 4 = 16$

$20 - 3 = 17$

$14 + 2 = 16$

$20 - 6 = 14$

$20 - 5 = 15$

$15 + 2 = 17$

$20 - 8 = 12$

$20 - 7 = 13$

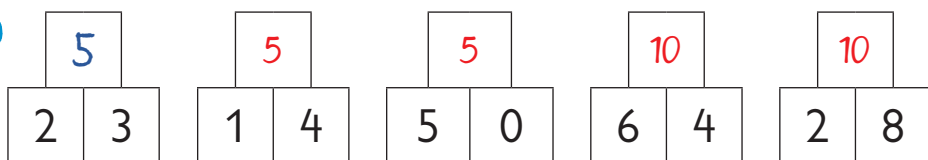
$16 + 2 = 18$

$20 - 10 = 10$

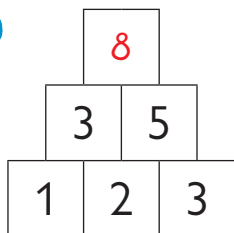
$20 - 9 = 11$



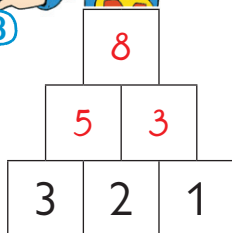
⑥



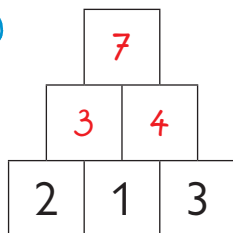
⑦



⑧



⑨



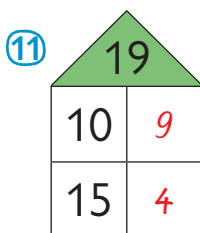
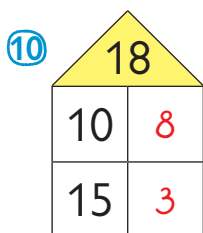
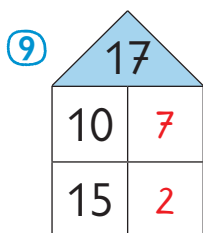
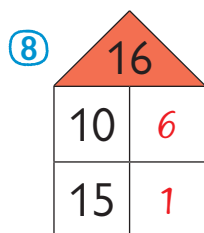
① $12 + 8 = \underline{20}$	② $13 + 1 = \underline{14}$	③ $5 + 11 = \underline{16}$
$13 + 7 = \underline{20}$	$14 + 2 = \underline{16}$	$4 + 11 = \underline{15}$
$14 + 6 = \underline{20}$	$15 + 3 = \underline{18}$	$4 + 10 = \underline{14}$
$15 + 5 = \underline{20}$	$16 + 4 = \underline{20}$	$3 + 10 = \underline{13}$
$16 + 4 = \underline{20}$	$15 + 4 = \underline{19}$	$2 + 11 = \underline{13}$
$17 + 3 = \underline{20}$	$13 + 4 = \underline{17}$	$1 + 11 = \underline{12}$
$18 + 2 = \underline{20}$	$11 + 4 = \underline{15}$	$2 + 10 = \underline{12}$
$19 + 1 = \underline{20}$	$10 + 3 = \underline{13}$	$1 + 10 = \underline{11}$

④ $3 \xrightarrow{+2} 5 \xrightarrow{+5} 10 \xrightarrow{+2} 12 \xrightarrow{+1} 13 \xrightarrow{+2} 15$

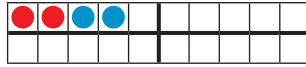
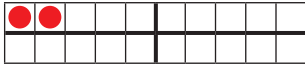
⑤ $2 \xrightarrow{+2} 4 \xrightarrow{+4} 8 \xrightarrow{+2} 10 \xrightarrow{+5} 15 \xrightarrow{+5} 20$

⑥ $15 \xrightarrow{-4} 11 \xrightarrow{-1} 10 \xrightarrow{-3} 7 \xrightarrow{-0} 7 \xrightarrow{-1} 6$

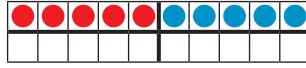
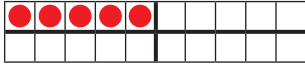
⑦ $20 \xrightarrow{-5} 15 \xrightarrow{-5} 10 \xrightarrow{-2} 8 \xrightarrow{-2} 6 \xrightarrow{-2} 4$



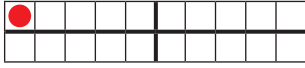
① Verdopple und zeichne.



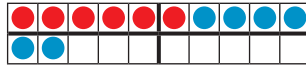
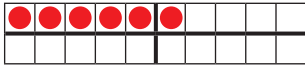
$2 + 2 = 4$



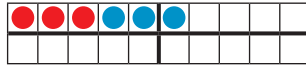
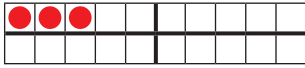
$5 + 5 = 10$



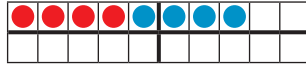
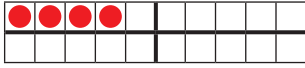
$1 + 1 = 2$



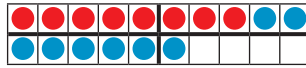
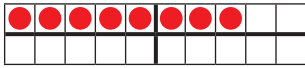
$6 + 6 = 12$



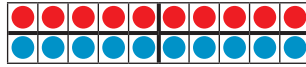
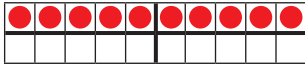
$3 + 3 = 6$



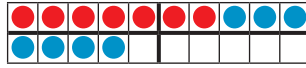
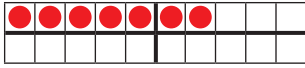
$4 + 4 = 8$



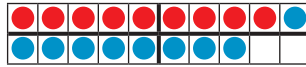
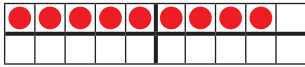
$8 + 8 = 16$



$10 + 10 = 20$



$7 + 7 = 14$



$9 + 9 = 18$

② $3 + 2$ ist gleich $2 + 3$

wahr

falsch

Tauschaufgaben haben gleiche Ergebnisse.

wahr

falsch

①

$6 - 3 = \underline{3}$	$15 - 0 = \underline{15}$
$5 - 0 = \underline{5}$	$14 - 2 = \underline{12}$
$4 - 2 = \underline{2}$	$19 - 4 = \underline{15}$
$9 - 4 = \underline{5}$	$16 - 3 = \underline{13}$

②

$9 - 1 = \underline{8}$

$19 - 1 = \underline{18}$

③ $16 - 2 = \underline{14}$
 $16 - 4 = \underline{12}$
 $16 - 6 = \underline{10}$

④ $19 - 3 = \underline{16}$
 $19 - 6 = \underline{13}$
 $19 - 9 = \underline{10}$

⑤ $18 - 8 = \underline{10}$
 $18 - 4 = \underline{14}$
 $18 - 0 = \underline{18}$

⑥ $17 - \underline{7} = 10$
 $17 - \underline{5} = 12$
 $17 - \underline{3} = 14$

⑦ $\underline{15} - 3 = 12$
 $\underline{15} - 0 = 15$
 $\underline{15} - 4 = 11$

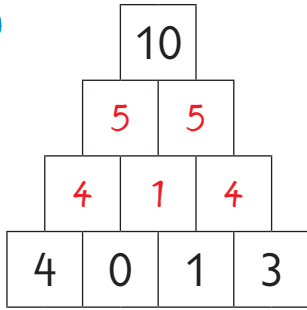
⑧ $20 - \underline{7} = 13$
 $20 - \underline{5} = 15$
 $20 - \underline{3} = 17$

⑨ $20 - \underline{10} = 10$
 $18 - \underline{7} = 11$
 $16 - \underline{4} = 12$

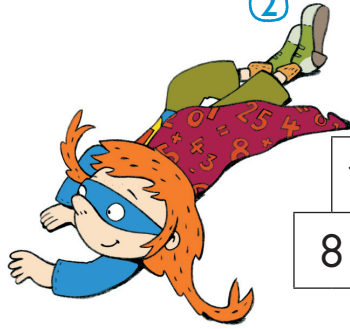
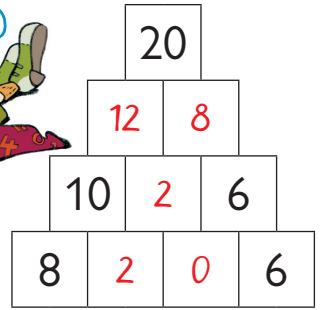
⑩ $\underline{20} - 7 = 13$
 $\underline{20} - 6 = 14$
 $\underline{20} - 5 = 15$

⑪ $19 - \underline{6} = 13$
 $18 - \underline{4} = 14$
 $17 - \underline{2} = 15$

①

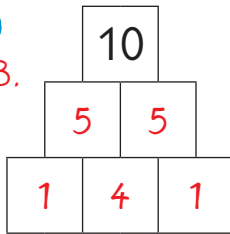


②



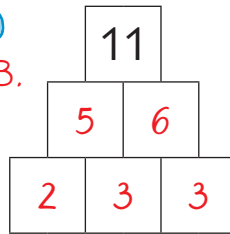
③

z.B.



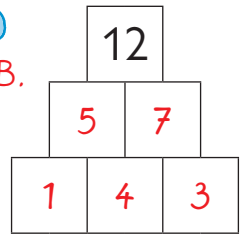
④

z.B.



⑤

z.B.



⑥

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

⑦

-	5	1	4	2
15	10	14	11	13
10	5	9	6	8
5	0	4	1	3

⑧ $2 + 2 = \underline{4}$

$3 + 3 = \underline{6}$

$4 + 4 = \underline{8}$

$5 + 5 = \underline{10}$

⑨ $10 + 10 = \underline{20}$

$9 + 9 = \underline{18}$

$8 + 8 = \underline{16}$

$7 + 7 = \underline{14}$

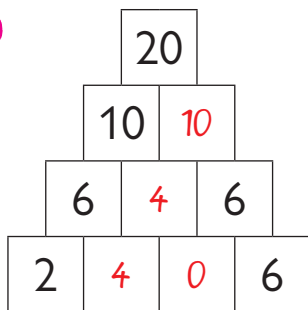
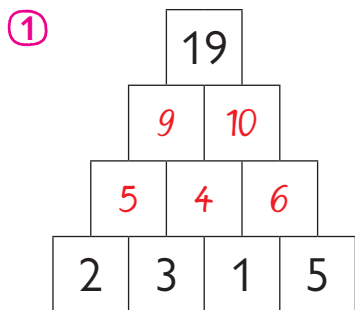
⑩ $2 - \underline{1} = 1$

$4 - \underline{2} = 2$

$6 - \underline{3} = 3$

$8 - \underline{4} = 4$





③ $3 + 6 = \underline{9}$

④ $11 + 9 = \underline{20}$

⑤ $20 - 5 = \underline{15}$

$13 + 6 = \underline{19}$

$12 + 7 = \underline{19}$

$18 - 4 = \underline{14}$

$13 + 5 = \underline{18}$

$16 - 3 = \underline{13}$

$2 + 7 = \underline{9}$

$14 + 3 = \underline{17}$

$14 - 2 = \underline{12}$

$12 + 7 = \underline{19}$

$15 + 1 = \underline{16}$

$13 - 1 = \underline{12}$

⑥ $10 + 10 = \underline{20}$

⑦ $7 - 2 = \underline{5}$

⑧ $12 + 7 = \underline{19}$

$20 - 9 = \underline{11}$

$17 - 2 = \underline{15}$

$19 - 7 = \underline{12}$

$11 + 8 = \underline{19}$

$9 - 4 = \underline{5}$

$12 + 6 = \underline{18}$

$12 + 6 = \underline{18}$

$19 - 4 = \underline{15}$

$18 - 6 = \underline{12}$

$18 - 5 = \underline{13}$

$13 + 4 = \underline{17}$

$8 - 3 = \underline{5}$

$14 + 2 = \underline{16}$

$17 - 3 = \underline{14}$

$18 - 3 = \underline{15}$

$16 - 2 = \underline{14}$

$① 3 + \underline{3} = 6$

$② 14 = 7 + \underline{7}$

$③ 8 - \underline{4} = 4$

$4 + \underline{4} = 8$

$16 = 8 + \underline{8}$

$12 - \underline{6} = 6$

$5 + \underline{5} = 10$

$18 = 9 + \underline{9}$

$16 - \underline{8} = 8$

$6 + \underline{6} = 12$

$20 = 10 + \underline{10}$

$20 - \underline{10} = 10$

④

20	
10	10
15	5
14	6
16	4
18	2
11	9
13	7

⑤

15	
12	3
10	5
11	4
13	2
15	0
14	1
0	15

⑥

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

⑦

5	
0	5
4	1
2	3
3	2
1	4
5	0

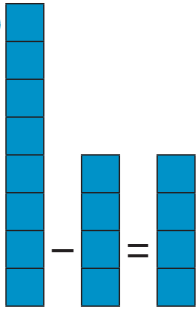
⑧

Zahl	2	4	6	8	10	1	3	5	7	9
Doppelte	4	8	12	16	20	2	6	10	14	18

⑨

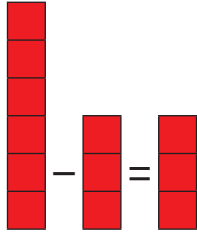
Zahl	10	8	6	4	2	1	3	5	7	9
Doppelte	20	16	12	8	4	2	6	10	14	18

①



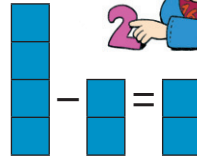
$$8 - 4 = 4$$

$$4 + 4 = 8$$



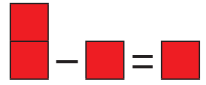
$$6 - 3 = 3$$

$$3 + 3 = 6$$



$$4 - 2 = 2$$

$$2 + 2 = 4$$



$$2 - 1 = 1$$

$$1 + 1 = 2$$

Die Hälfte

Das Doppelte



②

$$10 - 5 = 5$$

$$12 - 6 = 6$$

$$14 - 7 = 7$$

$$16 - 8 = 8$$

$$18 - 9 = 9$$

$$20 - 10 = 10$$

③

$$2 - 1 = 1$$

$$4 - 2 = 2$$

$$8 - 4 = 4$$

$$16 - 8 = 8$$

$$10 - 5 = 5$$

$$20 - 10 = 10$$

④

$$14 - 7 = 7$$

$$8 - 4 = 4$$

$$18 - 9 = 9$$

$$3 = 6 - 3$$

$$6 = 12 - 6$$

$$8 = 16 - 8$$

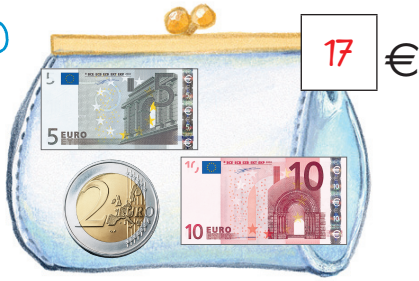
⑤

Zahl	20	18	16	14	12	10	8	6	4	2
Hälfte	10	9	8	7	6	5	4	3	2	1

⑥

Zahl	18	14	10	6	2	4	8	12	16	20
Hälfte	9	7	5	3	1	2	4	6	8	10

①



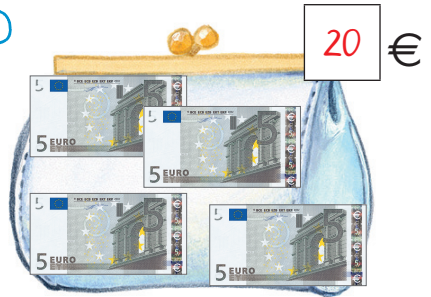
②



③



④



⑤ $10\text{€} + 3\text{€} = \underline{13}\text{€}$

$15\text{€} - 2\text{€} = \underline{13}\text{€}$

⑥ $15\text{€} + 1\text{€} = \underline{16}\text{€}$

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

⑦ $4\text{€} + 2\text{€} = \underline{6}\text{€}$

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

⑧ $5\text{€} + 2\text{€} = \underline{7}\text{€}$

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

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

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

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

$1\text{€} + 4\text{€} = \underline{5}\text{€}$

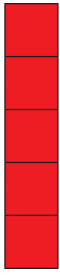
$10\text{€} - 3\text{€} = \underline{7}\text{€}$

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

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

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

①



$$\underline{5} > \underline{3}$$



$$\underline{2} < \underline{4}$$



$$\underline{3} = \underline{3}$$

② $5 > 1$

③ $2 < 3$

④ $13 < 15$

⑤ $20 > 18$

$5 > 3$

$4 > 2$

$15 > 11$

$15 < 20$

$2 < 5$

$10 > 4$

$9 < 15$

$20 > 12$

$4 < 5$

$10 > 1$

$15 > 7$

$9 < 20$

⑥ $10 + 2 < 15$

⑦ $15 + 3 > 15$

⑧ $20 - 5 > 10$

$10 + 4 < 15$

$15 - 2 < 15$

$15 - 5 = 10$

$10 + 6 > 15$

$15 + 1 > 15$

$10 + 5 > 10$

$10 + 8 > 15$

$15 - 0 = 15$

$10 - 5 < 10$

⑨ $6 + 0 < 6 + 1$

⑩ $13 - 2 < 13 + 2$

z.B.

⑪ $7 > \underline{5}$

$7 + 1 < 7 + 2$

$15 + 0 = 15 - 0$

$12 > \underline{10}$

$8 + 2 > 8 - 2$

$17 - 2 < 17 + 2$

$11 < \underline{15}$

$9 + 1 > 9 - 1$

$19 + 0 = 19 - 0$

$18 < \underline{20}$

① $20 - 5 - 5 = \underline{10}$

$8 + 8 + 1 = \underline{17}$

$10 + 5 + 5 = \underline{20}$

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

$20 - 10 - 8 = \underline{2}$

$7 + 7 + 2 = \underline{16}$

$20 - 5 - 4 = \underline{11}$

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

② $10 + 3 + 5 = \underline{18}$

$8 - 4 - 0 = \underline{4}$

$10 + 5 - 1 = \underline{14}$

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

$10 - 2 + 5 = \underline{13}$

$16 - 8 - 0 = \underline{8}$

$10 + 5 - 6 = \underline{9}$

$12 - 6 - 0 = \underline{6}$

~~1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15,~~
~~16, 17, 18, 20~~

③ $15 + 3$ ist kleiner als 15

wahr falsch

$15 - 5$ ist kleiner als 10

wahr falsch

10 ist die Hälfte von 20

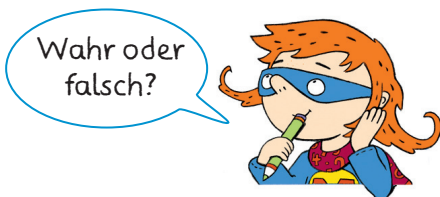
wahr falsch

die Hälfte von 12 ist 5

wahr falsch

das Doppelte von 7 ist 14

wahr falsch



①	+	2	4
	6	8	10
	16	18	20

②	+	3	5
	5	8	10
	15	18	20

③	+	4	7
	3	7	10
	13	17	20

④	-	3	6
	9	6	3
	19	16	13

⑤	-	6	1
	7	1	6
	17	11	16

⑥	-	5	9
	10	5	1
	20	15	11

⑦ $15 - 3 = \underline{12}$
 $15 + 3 = \underline{18}$
 $19 - 1 = \underline{18}$
 $19 + 1 = \underline{20}$

⑧ $14 - 4 = \underline{10}$
 $14 + 4 = \underline{18}$
 $16 - 2 = \underline{14}$
 $16 + 2 = \underline{18}$

⑨ $17 - 5 = 12$
 $18 - 4 = 14$
 $19 - 3 = 16$
 $20 - 2 = 18$

⑩ $2 + 2 < 5$
 $2 + 7 < 10$
 $12 + 7 < 20$
 $14 + 2 > 15$
 $13 + 3 > 15$
 $12 + 4 > 15$



⑪ $5 + 4 < 5 + 5$
 $6 + 3 = 5 + 4$
 $7 + 2 > 5 + 3$
 $18 - 4 < 10 + 5$
 $20 - 4 > 10 + 4$
 $15 - 4 < 20 - 7$

$① 0 + 0 = \underline{0}$

$0 + 1 = \underline{1}$

$1 + 1 = \underline{2}$

$1 + 2 = \underline{3}$

$② 2 + 2 = \underline{4}$

$2 + 3 = \underline{5}$

$3 + 3 = \underline{6}$

$3 + 4 = \underline{7}$

$③ 4 + 4 = \underline{8}$

$4 + 5 = \underline{9}$

$5 + 5 = \underline{10}$

$5 + 6 = \underline{11}$



$④ 6 + 6 = \underline{12}$

$6 + 7 = \underline{13}$

$7 + 7 = \underline{14}$

$7 + 8 = \underline{15}$

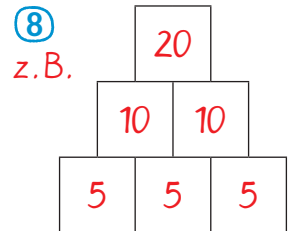
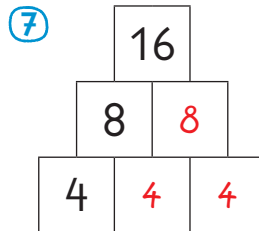
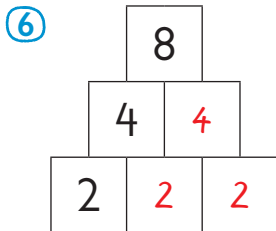
$⑤ 8 + 8 = \underline{16}$

$8 + 9 = \underline{17}$

$9 + 9 = \underline{18}$

$9 + 10 = \underline{19}$

Verdoppeln
hilft beim schnellen
Rechnen.



$⑨ 20 - 10 = \underline{10}$

$20 - 5 = \underline{15}$

$20 - 0 = \underline{0}$

$20 - 8 = \underline{12}$

$20 - 4 = \underline{16}$

$20 - 2 = \underline{18}$



Minus-
Rechnen von 20
und 10 aus

$⑩ 10 - 10 = \underline{0}$

$10 - 5 = \underline{5}$

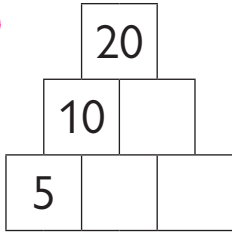
$10 - 0 = \underline{10}$

$10 - 8 = \underline{2}$

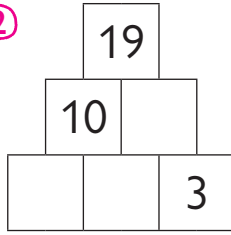
$10 - 4 = \underline{6}$

$10 - 2 = \underline{8}$

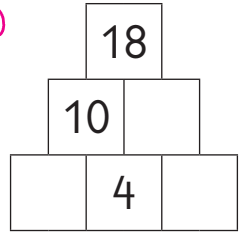
①



②



③



④

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

$$11 + \underline{\quad} = 18$$

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

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

⑤

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

$$17 - \underline{\quad} = 12$$

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

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

⑥

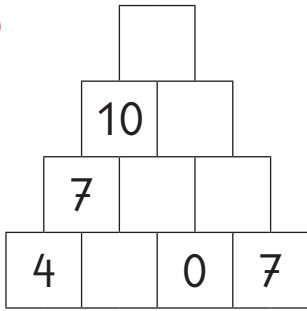
$$6 + 7 = \underline{\quad}$$

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

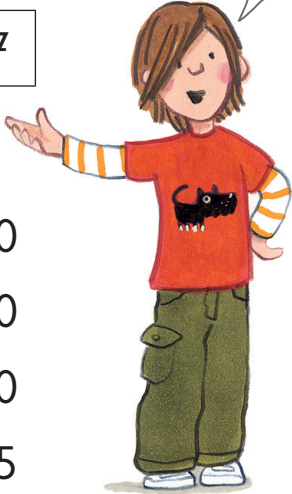
$$8 + 9 = \underline{\quad}$$

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

⑦



Übung
macht den
Meister!



⑧

$$9 - 4 \bigcirc 5$$

$$19 - 4 \bigcirc 15$$

$$7 + 3 \bigcirc 10$$

$$17 + 3 \bigcirc 20$$

⑨

$$19 - 4 - 4 \bigcirc 10$$

$$14 + 5 - 1 \bigcirc 20$$

$$18 - 8 + 1 \bigcirc 10$$

$$12 + 3 - 0 \bigcirc 15$$

⑩

$$6 + 4 + 1 \bigcirc 10$$

$$7 + 3 + 2 \bigcirc 11$$

$$8 + 2 + 3 \bigcirc 12$$

$$9 - 1 - 4 \bigcirc 13$$



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

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



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

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

③ $9 + 5 = \underline{14}$

$$9 + \underline{1} + \underline{4} = \underline{14}$$

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

$$6 + \underline{4} + \underline{3} = \underline{13}$$

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

$$7 + \underline{3} + \underline{1} = \underline{11}$$

④ $3 + 9 = \underline{12}$

$$3 + \underline{7} + \underline{2} = \underline{12}$$

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

$$8 + \underline{2} + \underline{5} = \underline{15}$$

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

$$9 + \underline{1} + \underline{6} = \underline{16}$$

⑤ $5 + 5 + 3 = \underline{13}$

$$7 + 3 + 4 = \underline{14}$$

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

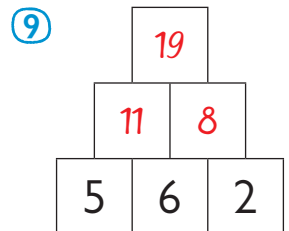
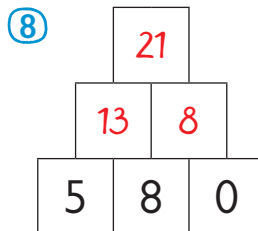
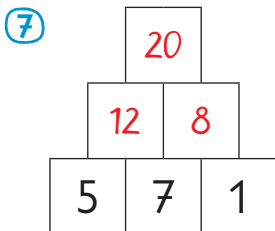
Geschick
rechnen!



⑥ $8 + 4 + 2 = \underline{14}$

$$9 + 7 + 1 = \underline{17}$$

$$3 + 9 + 7 = \underline{19}$$



$$\textcircled{1} \quad 3 \xrightarrow{+3} 6 \xrightarrow{+2} 8 \xrightarrow{+7} 15 \xrightarrow{+1} 16$$

$$\textcircled{2} \quad 5 \xrightarrow{+4} 9 \xrightarrow{+6} 15 \xrightarrow{+2} 17 \xrightarrow{+3} 20$$

$$\textcircled{3} \quad 4 \xrightarrow{+1} 5 \xrightarrow{+7} 12 \xrightarrow{+1} 13 \xrightarrow{+2} 15$$



$$6 + 9 = 15$$

$$6 + 4 + 5 = 15$$



$$\textcircled{5} \quad 5 + 9 = 14$$

$$4 + 9 = 13$$

$$3 + 9 = 12$$

$$2 + 9 = 11$$

$$\textcircled{6} \quad 6 + 9 = 15$$

$$7 + 8 = 15$$

$$8 + 7 = 15$$

$$9 + 6 = 15$$

$$\textcircled{7} \quad 5 + 9 = 14$$

$$4 + 9 = 13$$

$$3 + 9 = 12$$

$$2 + 9 = 11$$



$$\textcircled{8} \quad 5 + 5 = 10$$

$$5 + 6 = 11$$

$$5 + 7 = 12$$

$$5 + 8 = 13$$

$$\textcircled{9} \quad 8 + 8 = 16$$

$$8 + 7 = 15$$

$$8 + 9 = 17$$

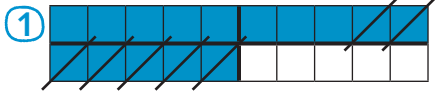
$$8 + 6 = 14$$

$$\textcircled{10} \quad 6 + 6 = 12$$

$$6 + 5 = 11$$

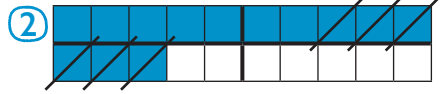
$$6 + 7 = 13$$

$$6 + 8 = 14$$



$$15 - 7 = 8$$

$$15 - 5 - 2 = 8$$



$$13 - 6 = 7$$

$$13 - 3 - 3 = 7$$

③ $12 - 5 = 7$

$$12 - 2 - 3 = 7$$

Bis zur 10 zurück! Dann weiter.

④ $14 - 9 = 5$

$$14 - 4 - 5 = 5$$

$16 - 8 = 8$

$$16 - 6 - 2 = 8$$



$15 - 8 = 7$

$$15 - 5 - 3 = 7$$

$19 - 10 = 9$

$$19 - 9 - 1 = 9$$

$20 - 12 = 8$

$$20 - 10 - 2 = 8$$

⑤ $15 - 5 - 3 = 7$

$$16 - 6 - 3 = 7$$

$$17 - 7 - 3 = 7$$

⑥ $19 - 5 - 9 = 5$

$$14 - 3 - 4 = 7$$

$$13 - 7 - 3 = 3$$

⑦ $18 - 8 - 5 = 5$

$$16 - 6 - 7 = 3$$

$$19 - 9 - 2 = 8$$

⑧ $19 - 9 - 2 = 8$

$$18 - 8 - 5 = 5$$

$$16 - 6 - 7 = 3$$

$① 14 - \underline{4} = 10$

$11 - \underline{1} = 10$

$17 - \underline{7} = 10$

$15 - \underline{5} = 10$

$② 12 - \underline{2} = 10$

$13 - \underline{3} = 10$

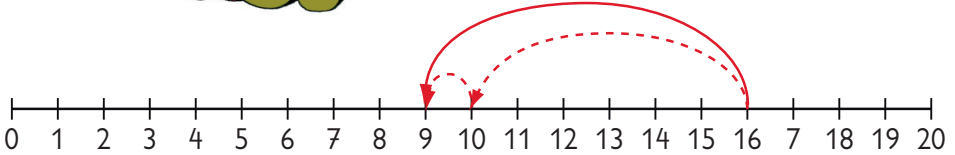
$16 - \underline{6} = \underline{10}$

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

 $③$ 

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

$16 - \underline{6} - \underline{1} = \underline{9}$



$④ 13 - 8 = \underline{5}$

$14 - 9 = \underline{5}$

$15 - 7 = \underline{8}$

$16 - 8 = \underline{8}$

$⑤ 15 - \underline{8} = 7$

$16 - \underline{11} = 5$

$17 - \underline{14} = 3$

$18 - \underline{17} = 1$

$⑥ 5 = \underline{11} - 6$

$9 = \underline{17} - 8$

$8 = \underline{17} - 9$

$7 = \underline{15} - 8$

$⑦ 15 - 5 = \underline{10}$

$15 - 6 = \underline{9}$

$15 - 7 = \underline{8}$

$15 - 8 = \underline{7}$

$15 - 9 = \underline{6}$

$⑧ 20 - 10 = \underline{10}$

$20 - 11 = \underline{9}$

$20 - 12 = \underline{8}$

$20 - 13 = \underline{7}$

$20 - 14 = \underline{6}$

$⑨ 10 - 6 = \underline{4}$

$11 - 6 = \underline{5}$

$13 - 6 = \underline{7}$

$15 - 6 = \underline{9}$

$17 - 6 = \underline{11}$

$① 8+8 = \underline{16}$

$7+8 = \underline{15}$

$6+8 = \underline{14}$

$5+8 = \underline{13}$

$② 9+5 = \underline{14}$

$8+6 = \underline{14}$

$7+7 = \underline{14}$

$6+8 = \underline{14}$

$③ 4+7 = \underline{11}$

$5+6 = \underline{11}$

$6+5 = \underline{11}$

$7+4 = \underline{11}$

$④ 16-10 = \underline{6}$

$15-9 = \underline{6}$

$14-8 = \underline{6}$

$13-7 = \underline{6}$

$⑤ \underline{18} - 9 = 9$

$\underline{17} - 9 = 8$

$\underline{16} - 9 = 7$

$\underline{15} - 9 = 6$

$⑥ 16 - \underline{10} = 6$

$16 - \underline{9} = 7$

$16 - \underline{8} = 8$

$16 - \underline{7} = 9$

⑦	+	6	7	8	5
	5	11	12	13	10
	6	12	13	14	11

⑧	-	9	8	7	6
	14	5	6	7	8
	13	4	5	6	7

$⑨ 6+6 < 6+7$

$5+5 < 5+6$

$7+7 < 7+8$

$8+7 = 9+6$

$8+4 = 9+3$

<, >
oder =?



$⑩ 12-4 < 6+6$

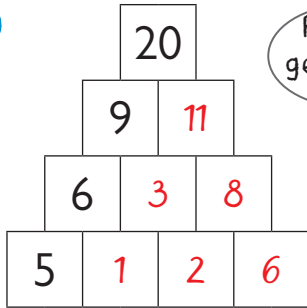
$15-6 > 5+5$

$16-8 = 4+4$

$17-9 < 9+9$

$13-7 = 3+3$

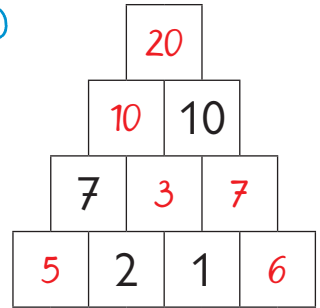
①



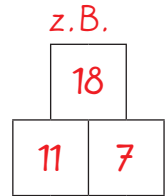
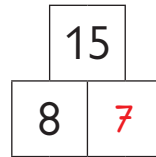
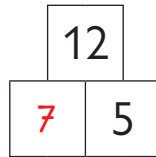
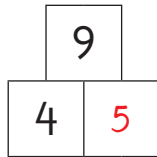
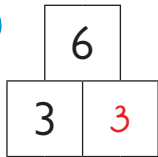
Rechne
geschickt!



②



③



④ $9 + \underline{9} = 18$

$8 + \underline{9} = 17$

$7 + \underline{9} = 16$

$6 + \underline{9} = 15$

$5 + \underline{9} = 14$

⑤ $3 + 7 + \underline{2} = 12$

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

$5 + \underline{5} + 6 = 16$

$6 + 4 + \underline{8} = 18$

$7 + \underline{3} + \underline{10} = 20$



⑥ Immer 5

$13 - \underline{8} = 5$

$15 - \underline{10} = 5$

$17 - \underline{12} = \underline{5}$

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

⑦ Immer 7

$12 - \underline{5} = 7$

$14 - \underline{7} = 7$

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

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

⑧ Immer 9

$20 - \underline{11} = 9$

$19 - \underline{10} = 9$

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

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

①



Nutze die Verdopplungsaufgaben!

$$6 + 6 = 12$$

$$7 + 7 = 14$$

$$8 + 8 = 16$$

$$9 + 9 = 18$$

$$6 + 5 = 11$$

$$10 + 9 = 19$$

$$8 + 7 = 15$$

$$9 + 10 = 19$$

$$5 + 6 = 11$$

$$8 + 9 = 17$$

$$7 + 8 = 15$$

$$9 + 8 = 17$$

$$② \quad 8 + 5 = 13$$

$$8 + 2 = 10$$

$$10 + 3 = 13$$

$$14 - 6 = 8$$

$$14 - 4 = 10$$

$$10 - 2 = 8$$

$$③ \quad 6 + 8 = 14$$

$$7 + 9 = 16$$

$$8 + 6 = 14$$

$$9 + 4 = 13$$

$$5 + 7 = 12$$

$$3 + 8 = 11$$

$$14 - 9 = 5$$

$$15 - 6 = 9$$

$$13 - 8 = 5$$

$① 19 - 9 - 1 = \underline{9}$

$17 - 7 - 2 = \underline{8}$

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

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

$11 - \underline{1} - \underline{7} = \underline{3}$



$② 18 - 9 = \underline{9}$

$17 - 8 = \underline{9}$

$16 - 7 = \underline{9}$

$15 - 6 = \underline{9}$

$14 - 5 = \underline{9}$

③

-	10	8	6	4
11	1	3	5	7
13	3	5	7	9
15	5	7	9	11

④

-	7	8	9	10
12	5	4	3	2
14	7	6	5	4
16	9	8	7	6

$⑤ 11 - \underline{6} = 5$

$12 - \underline{7} = 5$

$13 - \underline{8} = 5$

$14 - \underline{9} = 5$

$⑥ 11 - \underline{3} = 8$

$12 - \underline{4} = 8$

$13 - \underline{5} = 8$

$14 - \underline{6} = 8$

$⑦ 19 - \underline{10} = 9$

$18 - \underline{9} = 9$

$17 - \underline{8} = 9$

$16 - \underline{7} = 9$

$⑧ 19 = 10 + 9$

$19 = 11 + 8$

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

$⑨ 17 = 10 + 7$

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

$17 = \underline{12} + \underline{5}$

$⑩ 15 = 10 + 5$

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

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

$$\textcircled{1} \quad 7 \xrightarrow{+4} 11 \xrightarrow{+2} 13 \xrightarrow{+0} 13 \xrightarrow{+1} 14 \xrightarrow{+3} 17$$

$$\textcircled{2} \quad 17 \xrightarrow{-2} 15 \xrightarrow{-4} 11 \xrightarrow{-6} 5 \xrightarrow{-1} 4 \xrightarrow{-3} 1$$

$$\textcircled{3} \quad 7 \xrightarrow{+5} 12 \xrightarrow{+6} 18 \xrightarrow{+2} 20 \xrightarrow{-5} 15 \xrightarrow{+8} 13$$

$$\textcircled{4} \quad 4 \xrightarrow{+7} 11 \xrightarrow{+6} 17 \xrightarrow{-5} 12 \xrightarrow{-4} 8 \xrightarrow{-3} 5$$

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

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

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

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

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

$$12 + 5 = \underline{17}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\textcircled{8} \quad 20 - \underline{5} = 15$$

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

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

$$20 - \underline{7} = 13$$

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

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

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

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

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

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

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

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

① **6** **7** **13**

$6 + 7 = \underline{13}$

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

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

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

② **9** **8** **17**

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

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

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

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

Aufgaben-
familien



③ $10 = 5 + 5 + \underline{0}$

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

$10 = 3 + \underline{3} + \underline{4}$

$10 = 2 + \underline{2} + \underline{6}$

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



④ $15 = 5 + 5 + \underline{5}$

$15 = 4 + 4 + \underline{7}$

$15 = 3 + \underline{3} + \underline{9}$

$15 = 2 + \underline{2} + \underline{11}$

$15 = 1 + \underline{1} + \underline{13}$

⑤ $15 = 20 - 3 - \underline{2}$

$15 = 20 - 1 - \underline{4}$

$15 = 20 - \underline{5} - \underline{0}$

⑥ $10 = 15 - \underline{5}$

$10 = 17 - \underline{7}$

$10 = 19 - \underline{9}$

⑦ $10 = 18 - \underline{8}$

$10 = 16 - \underline{6}$

$10 = 14 - \underline{4}$

⑧

+	5	6	7	8
6	11	12	13	14
7	12	13	14	15

⑨

-	10	9	8	7
16	6	7	8	9
17	7	8	9	10

① $7+7 = \underline{14}$	$6+6 = \underline{12}$	$7+8 = \underline{15}$
$14-7 = \underline{7}$	$12-6 = \underline{6}$	$8+9 = \underline{17}$
$8+8 = \underline{16}$	$9+9 = \underline{18}$	$6+7 = \underline{13}$
$16-8 = \underline{8}$	$18-9 = \underline{9}$	$9+10 = \underline{19}$

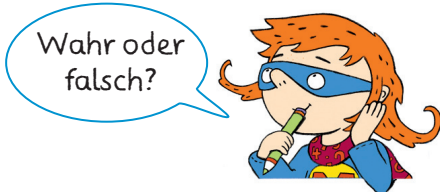
② $9 - \underline{0} = 9$	$8 + \underline{5} = 13$
$9 + \underline{2} = 11$	$8 + \underline{3} = 11$
$11 + \underline{4} = 15$	$8 - \underline{1} = 7$
$15 - \underline{11} = 4$	$8 + \underline{9} = 17$

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

③ $8 + 4 = 12$ und $12 - 4 = 8$ ist eine Umkehraufgabe. wahr falsch

$6 + 6$ ist keine Verdopplungsaufgabe. wahr falsch

Ein 10-€-Schein ist mehr wert als zehn 1-€-Stücke. wahr falsch



① $7 \quad 5 \quad 12$

$7 + 5 = 12$

$5 + 7 = 12$

$12 - 5 = 7$

$12 - 7 = 5$

z.B.

③ $6 \quad 5 \quad 11$

$5 + 6 = 11$

$6 + 5 = 11$

$11 - 6 = 5$

$11 - 5 = 6$

② $7 \quad 16 \quad 9$

$7 + 9 = 16$

$9 + 7 = 16$

$16 - 7 = 9$

$16 - 9 = 7$

z.B.

④ $8 \quad 11 \quad 19$

$8 + 11 = 19$

$11 + 8 = 19$

$19 - 8 = 11$

$19 - 11 = 8$



⑤

+	3	5	7	9
4	7	9	11	13
6	9	11	13	15
8	11	13	15	17
10	13	15	17	19

⑥

-	8	9	10	11
17	9	8	7	6
18	10	9	8	7
19	11	10	9	8
20	12	11	10	9

① $5 + 7 = 12$

$5 + 5 + 2 = 12$

② $6 + 5 = 11$

$6 + 4 + 1 = 11$

③ $12 - 5 = 7$

$12 - 2 - 3 = 7$

④ $15 - 8 = 7$

$15 - 5 - 3 = 7$

⑤ $6 + 7 = 13$

$6 + 8 = 14$

$6 + 9 = 15$

⑥ $8 + 3 = 11$

$5 + 8 = 13$

$8 + 7 = 15$

⑦ $15 - 9 = 6$

$15 - 8 = 7$

$15 - 7 = 8$

⑧

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

⑨

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

⑩

16	
9	7
6	10
11	5

15	
8	7
9	6
4	11

14	
5	9
7	7
8	6

z.B.

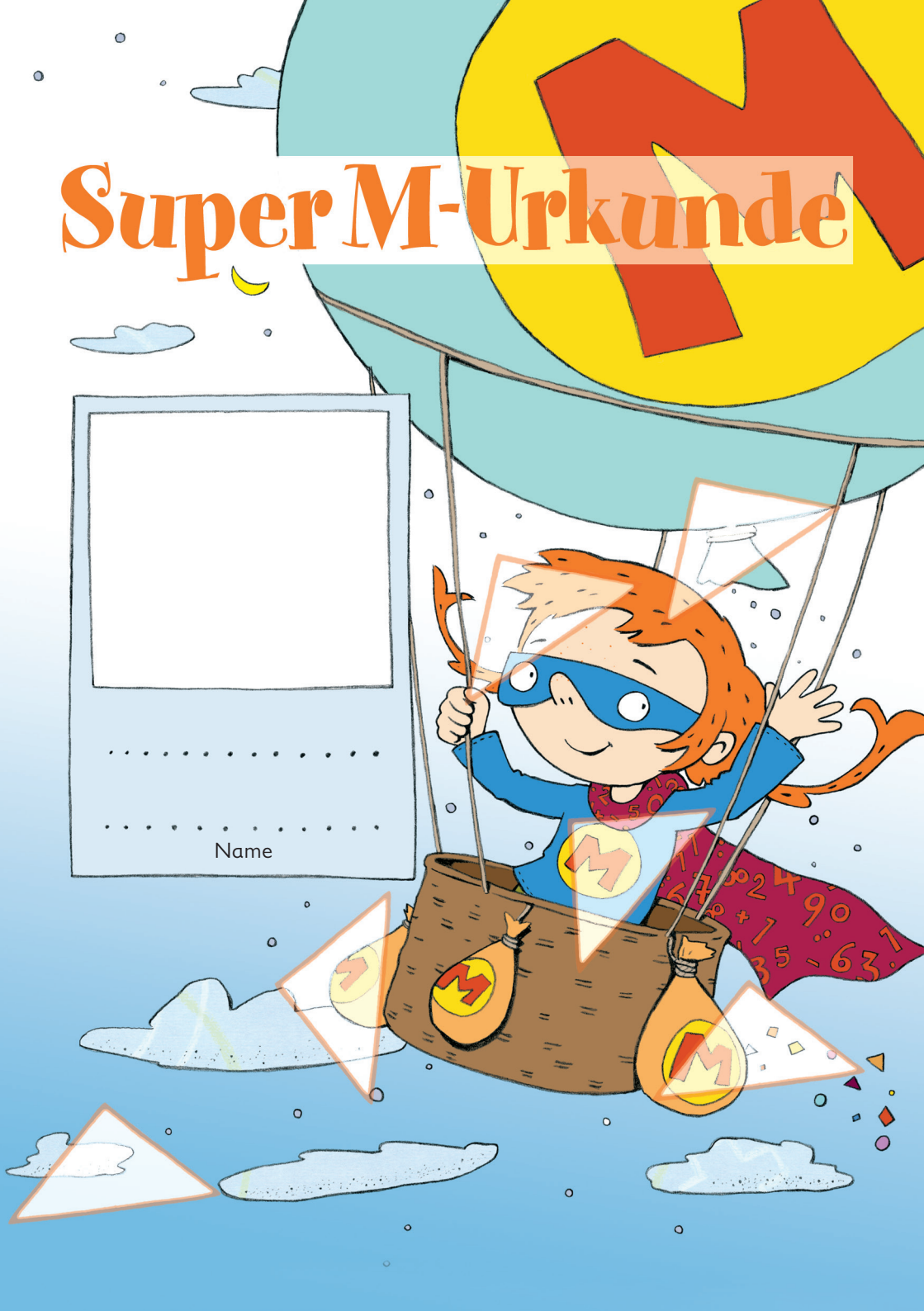
10	
6	4
5	5
8	2

z.B.

8	
7	1
6	2
5	3

Super M-Urkunde

.....
.....
Name





Mit Super M



trainierst du das Kopfrechnen
im Zahlenraum bis 20,



lernst du vorteilhaft zu rechnen,



kannst du zeigen,
was du kannst!



Cornelsen

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