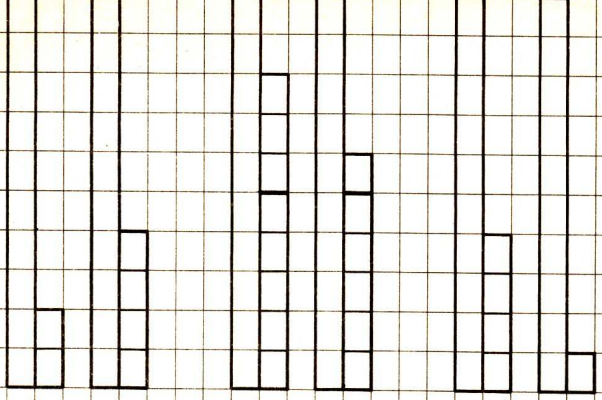
Mathematische Übungen Klasse 1

Heft 2

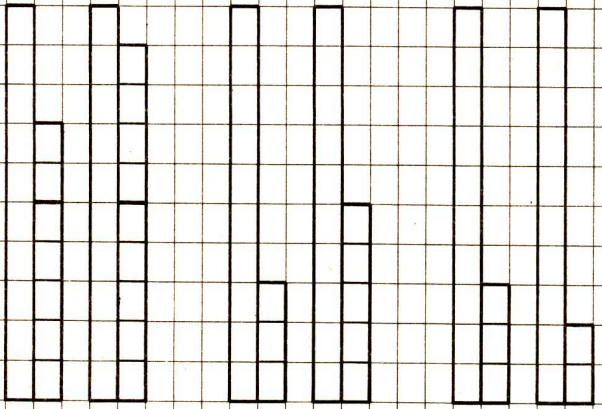
Name:

Klasse:

1.



12<14



12 16

2.

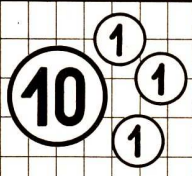
1.

10

10

10
1

11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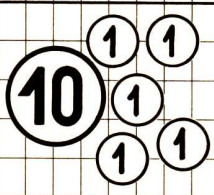
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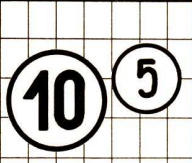
1
1
1
1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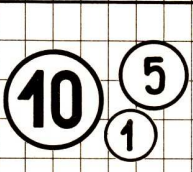
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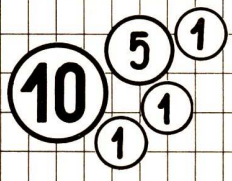
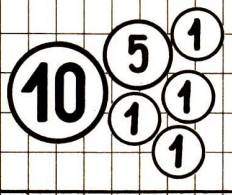
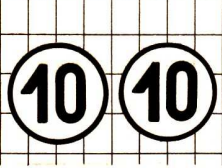
5
1


10
5
1
1
1

10
1
1
5


10
5
1
1
1
1

10
1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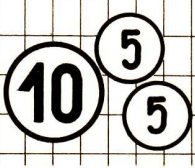
10


10
5
5

1.

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

2.

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

3.

17, 12, 20, 19, 16, 18, 10, 15

18, 9, 11, 14, 10, 13, 16, 19

4.

14, 20, 19, 8, 15, 17, 13, 18

12, 19, 17, 15, 10, 18, 20, 13

1.

x	y	x+y
10	9	
4	10	
3	10	
10	7	
10	2	
5	10	
7	10	

x	y	x−y
14	10	
19	9	
16	6	
13	10	
18	8	
17	10	
12	2	

2.

a	b	a+b
10	2	12
10		15
10		17
10		20
10		11
10		13

a	b	a−b
14		10
12		10
15		10
13		10
19		10
18		10

3.

a	b	a+b
10		16
10		19
10		10
10		18
10		14
10		15

a	b	a−b
20	10	
11	1	
10	0	
16	6	
17	7	
19	9	

1.

$10 < 18$

denn $10 + 8 = 18$

und $10 = 18 - 8$

$12 \quad 10$

denn

und

$10 \quad 16$

denn

und

$14 \quad 10$

denn

und

$10 \quad 17$

denn

und

$15 \quad 10$

denn

und

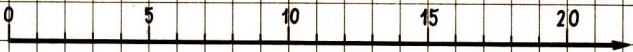
$10 \quad 13$

denn

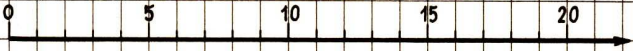
und

1. $11<x<13$ $x=12$

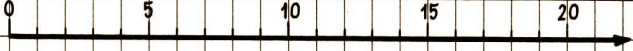
2. $12<x<17$



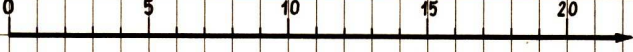
3. $14<x<19$



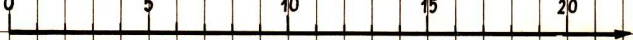
4. $15>a>10$



5. $20>x>15$



6. $18>x>16$



1.

10 + 4	10 + 9
14 − 4	19 − 9
14 − 10	19 − 10
10 + 5	10 + 1
15 − 5	11 − 1
15 − 10	11 − 10
10 + 8	10 + 3
18 − 8	13 − 3
18 − 10	13 − 10
10 + 2	10 + 6
12 − 2	16 − 6
12 − 10	16 − 10

2.

3.

1.

x	x+1
14	
19	
12	
11	
15	
18	
16	
13	
17	

2.

x	x-1
20	
15	
19	
12	
16	
18	
13	
14	
11	
17	

3.

$10+4+3=10+(4+3)$
$=10+7$
$=17$

$10+2+7$

$10+3+3$

$10+5+4$

$10+9+1$

$10+2+5$

1.

$13 = 10 + 3$ 12 15

19 17 18

16 20 10

14 11

2.

$14 + 3 = (10 + 4) + 3$

$= 10 + (4 + 3)$

$= 10 + 7$

$= 17$

$12 + 3$

$17 + 2$

$11 + 6$

$16 + 4$

$13 + 4$

$18 + 2$

$12 + 8$

1. $11+7$ $16+3$

$14+5$ $12+4$

$19+1$ $17+3$

2.

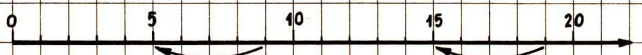
a	b	a+b
17	2	
3	16	
16	3	
14	6	
7	12	
4	15	
13	7	
12	6	
8	12	

x	y	x+y
8		20
4		17
2		16
15		18
3		18
14		19
17		19
6		20
9		19

1.

$5-3=2$
$2+3=5$

$15-3=12$
$12+3=15$



2.

3.

$10-7$

$20-7$

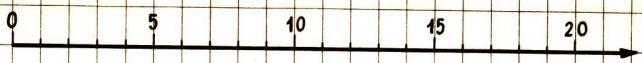
4.

$6-2$

$16-2$

5.

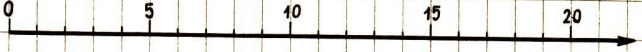
1.



9-5 19-5

2.

3.



7-4 17-4

4.

a	10-a	20-a
3		
5		
7		
4		
2		
9		
8		
6		
1		

a	b	a+4	b-4
7	17		
9	19		
5	15		
8	18		
6	16		
10	20		

1.

$17-3=10+7-3$
$=10+4$
$=14$

$19-6$

$15-4$

$18-2$

$19-7$

$14-3$

$16-3$

$19-5$

$13-2$

$17-4$

$18-6$

$15-3$

$17-5$

$16-4$

1.

a	a−3	a−2	a−1
17			
15			
16			
19			
18			
20			
14			
13			

x	x−4	x−5
19		
15		
17		
16		
18		
20		

2.

a	b	a−b
17	6	
20	9	
20	7	
14	2	
18	5	
16	4	
19	8	
16	3	

x	y	x−y
19		17
16		11
13		13
18		16
20		15
17		14
16		15
20		12

3.

11 + 3 = 14
3 + 11

14 + 5
5 + 14

13 + 4
4 + 13

12 + 7
7 + 12

1.

1+6	4+3	5+4
11+6	14+3	15+4
7-6	7-3	9-4
17-6	17-3	19-4

2.

2+8	3+6	4+5
12+8	13+6	14+5
10-8	9-6	9-5
20-8	19-6	19-5

3.

5+3	7+2	3+7
15+3	17+2	13+7
8-3	9-2	10-7
18-3	19-2	20-7

4.

1+9	2+5	2+6
11+9	12+5	12+6
10-9	7-5	8-6
20-9	17-5	18-6

5.

1+7	4+6	5+5
8-7	10-6	10-5
11+7	14+6	15+5
18-7	20-6	20-5

1.

10 + 4	10 + 5	10 + 6
4 + 10	5 + 10	6 + 10
14 − 4	15 − 5	16 − 6
14 − 10	15 − 10	16 − 10

2.

7 + 2	9 − 2	4 + 5
17 + 2	19 − 2	14 + 5
6 + 3	9 − 3	3 + 4
16 + 3	19 − 3	13 + 4
9 − 5	3 + 7	4 + 6
19 − 5	13 + 7	14 + 6
7 − 4	7 + 3	6 + 4
17 − 4	17 + 3	16 + 4

3.

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

$11+2=x$ $x=13$ $11+2=13$	$14+x=19$	$x+3=18$	1.
$12-4=x$	$16+x=20$	$y+7=19$	2.
$17-5=a$	$17-c=11$	$x-8=11$	3.
$14+3=y$	$11+x=15$	$x+9=20$	4.
$20-5=a$	$18-b=13$	$x-9=10$	5.
$15+3=x$	$17+y=20$	$a+6=19$	6.
$16-3=a$	$19-b=15$	$c-5=13$	7.

1.

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

2.

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

x	y	x−y
19	7	
20	10	
20	6	
18	5	
12	2	
16	4	
13	2	
14	3	
17	5	

1.

16 □ 2 = 18	16 □ 6 = 10	14 □ 6 = 20
12 □ 5 = 17	20 □ 2 = 18	13 □ 2 = 11
19 □ 4 = 15	12 □ 4 = 16	15 □ 4 = 19
17 □ 3 = 20	19 □ 7 = 12	17 □ 4 = 13

2.

13 ⊞ 2 ⊞ 5 = 20
16 □ 3 □ 3 = 10
14 □ 2 □ 1 = 15
19 □ 9 □ 3 = 13

14 ⊞ 3 ⊟ 2 = 15
10 □ 8 □ 6 = 12
17 □ 4 □ 1 = 15
20 □ 2 □ 4 = 14

18 □ 2 □ 4 = 16
15 □ 5 □ 1 = 19
17 □ 2 □ 5 = 14
16 □ 4 □ 1 = 11

20 □ 6 □ 3 = 17
11 □ 6 □ 4 = 13
10 □ 2 □ 4 = 16
19 □ 6 □ 5 = 18

3.

a	b	a + b
7		10
5		10
9		10
3		10
10		10
2		10
4		10
1		10

x	y	x − y
17		10
15		10
11		10
16		10
19		10
18		10
13		10
12		10

1. $a+b=4$

a	b
2	2
3	1
1	3
4	0
0	4

$a+b=6$

a	b

$a+b=5$

a	b

2. $a+b=9$

a	b

$a+b=7$

a	b

$a+b=8$

a	b

1.

$8+5=8+(2+3)$
$=(8+2)+3$
$=10+3$
$=13$

$9+6$

2.

$7+6$

$8+3$

3.

$9+4$

$6+5$

1. $7+4=7+(3+1)$
$=(7+3)+1$
$=10+1$
$=11$

$9+9$

$8+8$

$6+5$

$7+6$

$8+7$

$9+7$

$8+6$

$8+4$

$7+7$

1.

$6+6$

$9+3$

$7+5$

$8+3$

$9+8$

$9+6$

$8+5$

$9+5$

2.

a	b	$a+b$
8	3	
7	6	
6	7	
8	9	

x	y	$x+y$
5	9	
7	4	
8	5	
9	4	

1.

a	b	a+b
8	8	
9	4	
6	5	
7	7	
4	8	
6	6	
8	5	

x	y	x+y
5		11
7		16
9		14
3		12
8		16
2		11
9		18

2.

a	b	a−b
17		10
14		
18		
11		
15		
10		

x	y	x−y
12		10
19		
16		
20		
13		

3.

6+5=11	8+6	7+4
5+6	6+8	4+7
9+7	8+5	8+7
7+9	5+8	7+8
7+5	9+4	9+5
5+7	4+9	5+9

1.

a	b	c	a−b	a−c
18	8	7		
16	6	8		
12	2	4		
19	9	9		
14	4	7		
17	7	8		
15	5	9		

x	y	x−y
12	8	
15	7	
14	9	
13	7	
16	9	
19	9	
17	8	

2.

$17-9=17-7-2$
$=10-2$
$=8$

$14-7$

$16-8$

$12-5$

$13-9$

$17-8$

$15-7$

$12-7$

1. 15-9 11-6

13-4 13-7

2.

a	b	a-b
12	7	
15	6	
11	4	
16	7	
13	9	

x	y	x-y
19		12
12		8
16		7
14		8
18		9

3.

14-5	12-5	11-2
17-8	16-8	17-9
15-7	18-9	16-7
13-5	11-3	11-5
11-7	11-8	13-6
12-6	16-9	12-3
15-9	12-6	11-4
13-8	14-6	15-8

1.

a	b	x	a + x	b + x
11	8	6		
16	14	4		
9	13	5		
6	6	8		
4	7	9		
19	17	0		
12	12	6		
13	9	5		

2.

a	b	x	a − x	b − x
12	17	5		
19	19	7		
13	13	8		
11	14	6		
15	7	3		
8	8	6		
9	12	4		

3.

a	b	a + b	a − b
12	7		
9	8		
14	3		
10	10		

1.

$8 < 12$

$8 + 4 = 12$

$8 = 12 - 4$

$13 > 9$

$13 = 9 + 4$

$13 - 4 = 9$

8 14

16 7

9 17

11 3

8 15

17 9

4 12

14 7

10 19

20 10

7 16

19 7

1.

a	b	a+b
16	4	
12	7	
8	9	
7	5	
14	3	
3	14	
9	6	

x	y	x−y
19	7	
16	8	
12	4	
18	6	
13	2	
11	9	
16	7	

2.

8□4=12 14□3=17 19□6=13 7□7=14

17□5=12 11□8=19 7□6=13 4□8=12

15□6=9 11□3=8 18□9=9 16□9=7

3.

16 − 3 + 7 = 20
19□2□3=20
20□4□2=14
8□3□5=16

14□2□3=13
15□1□2=18
17□5□2=14
7□4□9=20

14□9□7=12
17□3□5=15
13□6□4=3
11□4□8=7

17□9□3=11
20□5□5=10
10□5□3=12
15□5□5=15

1.

x	x − 5	x + 3
8		
11		
7		
9		
6		
12		
10		

x	x + 9	x − 7
7		
4		
11		
9		
8		
0		
10		

2.

a	b	c	a + b + c	a + b − c
5	6	7		
5	7	8		
4	8	5		
4	7	8		
3	9	4		
9	7	4		
8	6	5		
6	6	6		
7	5	4		

3.

$8 + 4 + x = 20$

$12 + x = 20$

$x = 8$

$8 + 4 + 8 = 20$

$9 + 6 + x = 20$

1.

$7+4+x=17$

$x+8+3=18$

$x+5+4=18$

$x+7+2=13$

$13+x+2=19$

$5+x+2=15$

$6+x+7=20$

$14+6+x=5$

$17+3+x=12$

$18+6+x=8$

1.

$18 \square 5 \square 2 = 15$ $\quad$ $20 \square 2 \square 2 = 20$

$11 \square 4 \square 3 = 12$ $\quad$ $14 \square 5 \square 3 = 16$

$20 \square 6 \square 3 = 17$ $\quad$ $17 \square 2 \square 4 = 11$

$8 \square 8 \square 8 = 8$ $\quad$ $16 \square 3 \square 9 = 10$

2.

$3 + 7 = x$ $\quad$ $4 + x = 10$ $\quad$ $x - 8 = 10$

$13 - 7 = x$ $\quad$ $14 + x = 20$ $\quad$ $x + 8 = 20$

3.

$17 = 20 - x$ $\quad$ $18 = 20 - x$ $\quad$ $14 = 10 + x$

$20 = 10 + x$ $\quad$ $15 = 10 + x$ $\quad$ $13 = 10 + x$

4.

$14 < 18$ $\quad$ $17 > 11$

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