

Mathematische Übungen Klasse 1

Heft 1

Name:

Klasse:



1
1
1
2
2
2
3
3
3

1		2
		
		
		
		
		

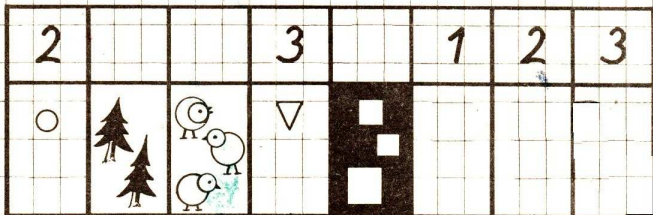
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3

1



2



3

4

4

4

5

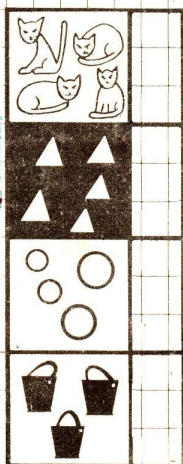
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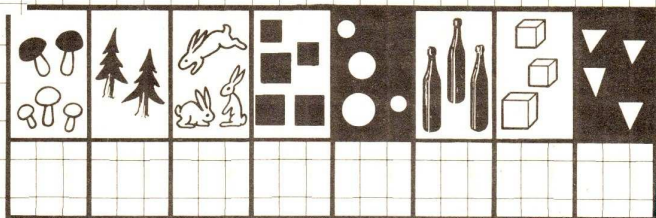
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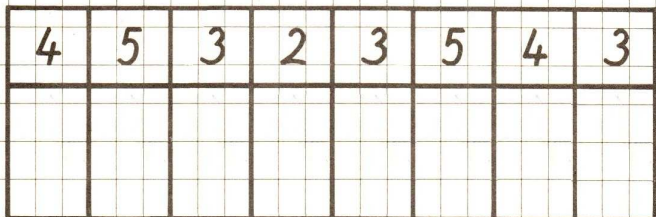
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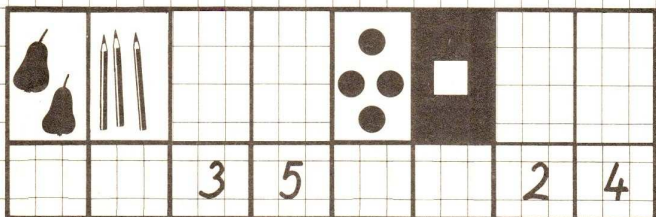




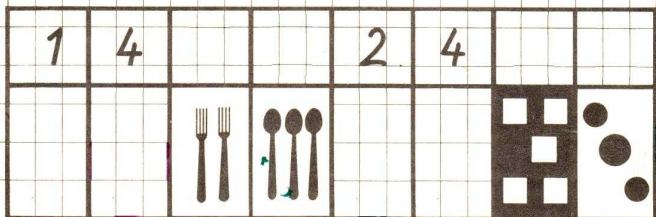
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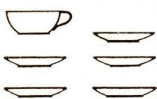


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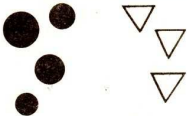
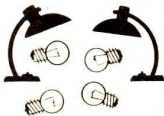
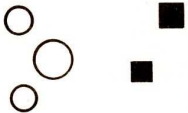


4

1

		
$2 < 3$		

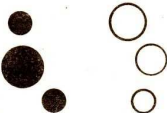
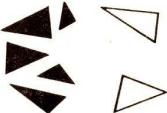
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$4 > 3$		

3

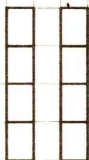
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		3		5
5				1

	2		4	
	4			

1



2

 $2 < 3$


3

3 5

1 5

5 1



4

2 3

2 2

4 1

5

1

 $2 < 4$
 $5 \quad 1$
 $4 \quad 3$
 $3 \quad 3$
 $4 \quad 2$
 $5 \quad 2$
 $5 \quad 3$
 $1 \quad 2$
 $4 \quad 4$
 $2 \quad 3$
 $3 \quad 1$
 $4 \quad 1$

2



$3 + 1 = 4$

3



4



5



6

523523

1

		
$4 + 1 = 5$		

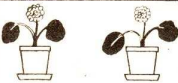
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3

4

5

• 135 135
 • 242
 531
 422
 512

1 6

6

6

6565

64

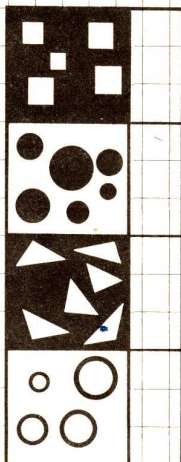
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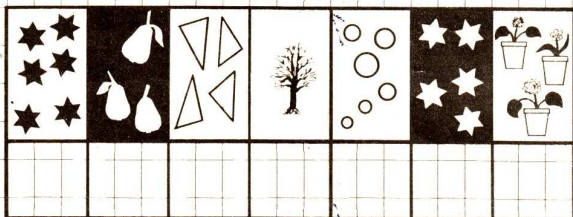
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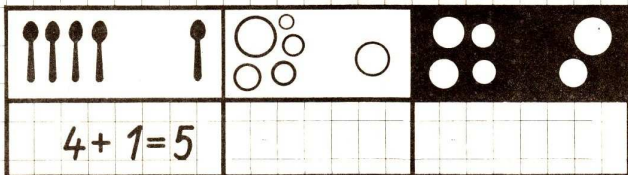
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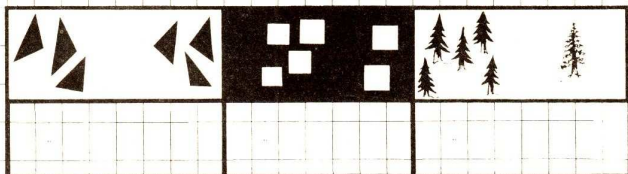
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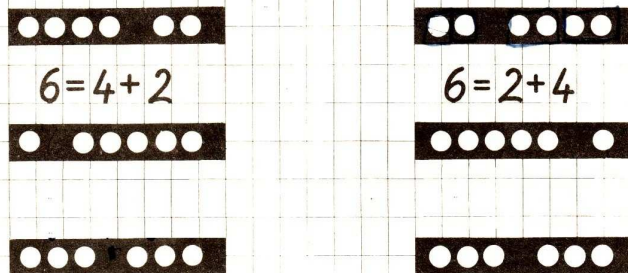
1



2



3



4

4 > 2	6 > 5	2 > 2	3 > 2
3 > 5	5 > 6	4 > 1	5 > 5
6 > 6	3 > 4	3 > 6	4 > 6

5

5 > 3 > 6 > 2 > 4 > 1	4 > 6 > 3 > 1 > 5
1 > 2 > 3 > 4 > 5 > 6	1 > 6 > 3 > 1 > 5

1 7

7

7

6 7 6 7

4 7

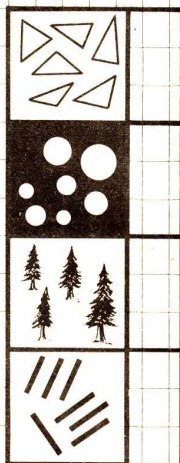
7 5

3 7

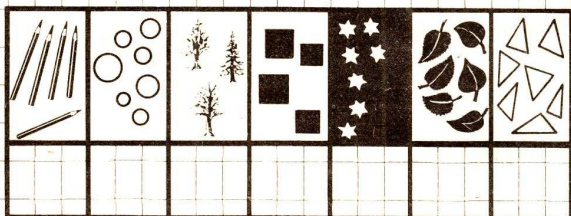
7 2

1 7

2



3



4

7	5	7	3	6	4	7

1



$$4 + 3 = 7$$

2



3



$$7 = 5 + 2$$



4

7 > 5
5 7
6 2
4 4

7 7
1 3
5 2
7 1

6 2
4 4
2 5
7 3

2 1
7 4
2 2
3 6

1 8

8

8

7878

86

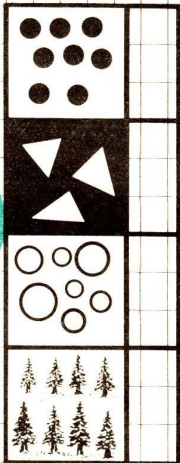
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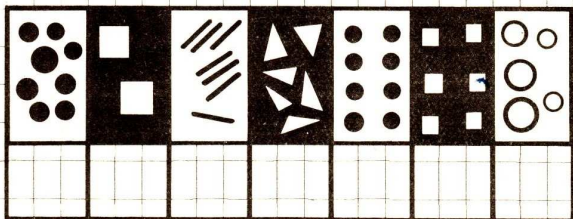
58

42

2



3



4

4	8	8	3	7	8	6

				
$5 + 3 = 8$				



$$8 = 4 + 4$$



8 > 6
3 7
2 5
2 5

4 7
8 8
1 6

7 7
4 3
3 4

8 1
2 8
6 6

1

2

3

4

1 9

9

9

8989

79

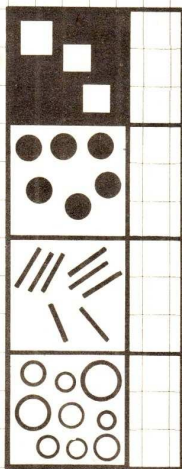
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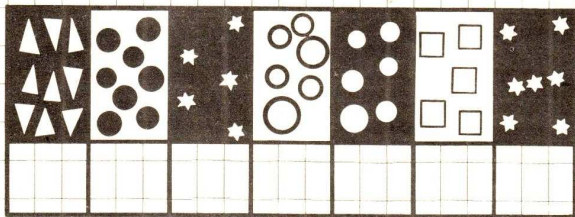
39

92

2



3



4

3	9	7	9	8	5	9

1

		
$6 + 3 = 9$		

2

3

	
$9 = 5 + 4$	
	
	
	

4

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

1 10 10

10

10

10 9 10

10 8

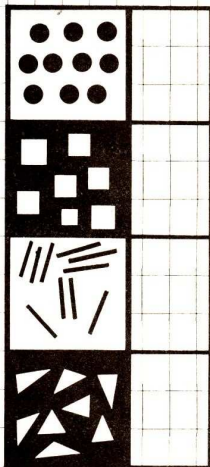
10 1

10 7

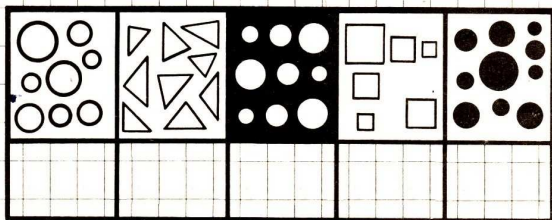
10 6

10 5

2



3



4

10	5	8	9	10

 	 	 
$8 + 2 = 10$		

1

2



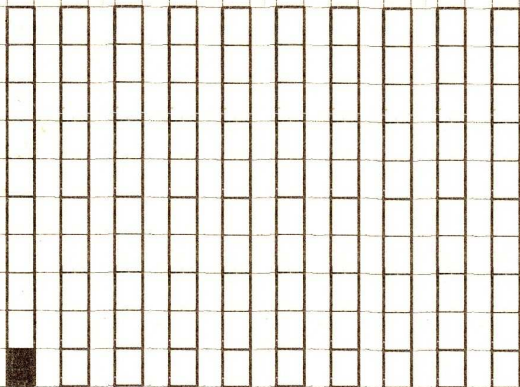
$$10 = 4 + 6$$



3



1



1 2 3 4 5 6 7 8 9 10

2

$$10 = 1 + 9$$

10

10

10

10

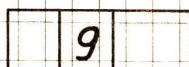
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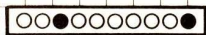
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10

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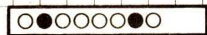
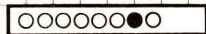
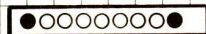
3





1

2. 6.



6	3	4	9	1	2	•	9	2	8	6	4	7	•
1							9						

2	8	6	4	10	•	7	10	5	1	6
2						10				

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

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

4

1

		3	5				
--	--	---	---	--	--	--	--

		3			8		
--	--	---	--	--	---	--	--

 $3 < 5$ oder $5 > 3$ $3 < 8$ oder $8 > 3$

			6	7			
--	--	--	---	---	--	--	--

1						10	
---	--	--	--	--	--	----	--

oder

oder

		4		8			
--	--	---	--	---	--	--	--

2	3						
---	---	--	--	--	--	--	--

oder

oder

2

 $4 + 2$

••••	••
------	----

 $4 + 2 = 6$ $3 + 3$

--	--

 $3 + 3 =$

3

 $5 + 1$

•••••	
-------	--

 $2 + 2$

--	--

4

 $3 + 1$

--	--

 $3 + 2$

--	--



$$6 = 1 + 5$$

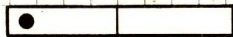


$$5 =$$

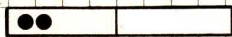
1



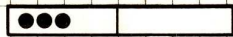
$$6 =$$



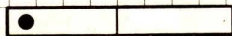
$$4 =$$



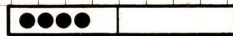
$$4 =$$



$$6 =$$



$$3 =$$



$$5 =$$

$$\begin{array}{l} 4 + 2 \\ 5 + 1 \\ 2 + 2 \end{array}$$

$$\begin{array}{l} 3 + 3 \\ 2 + 1 \\ 4 + 1 \end{array}$$

$$\begin{array}{l} 3 + 1 \\ 3 + 2 \\ 1 + 1 \end{array}$$

2

5 9 6 2 7 3
2

10 4 9 2 6
10

3

5 7 9 6 2 3 1 4 8 10
1

7 10 1 3 5 2 4 6 9 8
10

1



$$\begin{array}{l} 4+2= \\ 2+4= \end{array}$$



2

$$\begin{array}{l} 1+5 \\ 4+2 \\ 3+1 \\ 1+3 \end{array}$$

$$\begin{array}{l} 1+4 \\ 2+2 \\ 3+3 \\ 2+3 \end{array}$$

$$\begin{array}{l} 2+4 \\ 5+1 \\ 3+2 \\ 1+1 \end{array}$$

○○○○○○

$$6 - 2 = 4$$

○○○○○○

○○○○

○○○○

○○○○○○

○○○○○○

○○○○○○

○○○○○○

1

$$5 - 2$$

○○○○○○

$$5 - 2 = 3$$

$$6 - 1$$

2

$$4 - 3$$

$$5 - 4$$

3

$$6 - 3$$

$$3 - 1$$

4

1

$$\begin{array}{r} 5-2 \\ 6-1 \\ 4-3 \end{array}$$

$$\begin{array}{r} 2-1 \\ 5-3 \\ 4-1 \end{array}$$

$$\begin{array}{r} 3-2 \\ 6-3 \\ 6-2 \end{array}$$

2

$$\begin{array}{r} 4+2 \\ 3+3 \\ 3-1 \\ 5-4 \end{array}$$

$$\begin{array}{r} 6-5 \\ 2+4 \\ 3+2 \\ 5-1 \end{array}$$

$$\begin{array}{r} 1+5 \\ 2+3 \\ 4-2 \\ 6-4 \end{array}$$

3

$$5+3$$



$$5+3=$$

$$6+2$$



4

$$4+3$$



$$5+4$$



5

$$8+2$$



$$7+3$$



$7-4$

○○○ $\phi\phi\phi\phi$

$7-4=$

$10-6$

1

$9-5$

$8-3$

2

$10-2$

$9-4$

3

$7-3$

$8-2$

4

$$\begin{array}{r} 2+6 \\ 7-5 \\ 9-7 \\ 6+4 \end{array}$$

$$\begin{array}{r} 1+9 \\ 2+5 \\ 9-4 \\ 7-3 \end{array}$$

$$\begin{array}{r} 4+4 \\ 8-5 \\ 6-3 \\ 3+6 \end{array}$$

5

1



$$5 - 2 = 3$$

denn $3 + 2 = 5$



denn



denn



denn



denn



denn

2

$$6 - 1 = 5$$

denn $5 + 1 = 6$

$$8 - 2 =$$

denn

$$7 - 3 =$$

denn

$$5 - 3 =$$

denn

$$9 - 5 =$$

denn

$$4 - 3 =$$

denn

3

$$8 - 2$$

$$5 + 3$$

$$6 - 6$$

$$2 + 7$$

$$9 + 1$$

$$10 - 6$$

$$10 - 9$$

$$3 + 4$$

$$4 - 3$$

$$1 + 5$$

$$7 - 4$$

$$4 + 3$$

$$\begin{array}{r} 10-3 \\ 5+2 \\ 2+5 \\ 9-4 \end{array}$$

$$\begin{array}{r} 3+7 \\ 8-5 \\ 9-0 \\ 4+5 \end{array}$$

$$\begin{array}{r} 3+3 \\ 2+2 \\ 5+5 \\ 4+4 \end{array}$$

1

$$\begin{array}{r} 6-4 \\ 2+8 \\ 8+2 \\ 9-3 \end{array}$$

$$\begin{array}{r} 10-8 \\ 2+0 \\ 10-5 \\ 6+4 \end{array}$$

$$\begin{array}{r} 10-7 \\ 3+6 \\ 2+1 \\ 8-8 \end{array}$$

2

x	$2+x$
7	
5	
3	
2	
4	
6	

a	$10-a$
4	
2	
7	
9	
8	
1	

e	$3+e$
5	
2	
3	
7	
0	
4	

3

e	$e+5$
4	
3	
5	
2	
1	

x	$x-2$
6	
4	
2	
8	
5	

a	$a-1$
9	
7	
2	
8	
6	

4

1	$-a$	$2+a$	x	$8-x$	a	$a-2$
	5		7		1	
	2		2		9	
	7		5		10	
	4		3		8	
	0		6		6	
	3		4		7	

2	$x+3=10$ $x=7$	$a+2=4$ $a=$	$u+7=9$ $u=$
---	-------------------	-----------------	-----------------

3	$e-4=2$ $e=$	$u-1=6$ $u=$	$x-5=5$ $x=$
---	-----------------	-----------------	-----------------

4	$a+6=9$ $a=$	$x-3=7$ $x=$	$e+4=8$ $e=$
---	-----------------	-----------------	-----------------

5	$6+x=8$ $x=$	$9-a=2$ $a=$	$10-u=9$ $u=$
---	-----------------	-----------------	------------------

6	$e+3=6$ $e=$	$10-a=3$ $a=$	$5+x=8$ $x=$
---	-----------------	------------------	-----------------

7	$7+x=9$ $x=$	$6-e=3$ $e=$	$a+4=7$ $a=$
---	-----------------	-----------------	-----------------

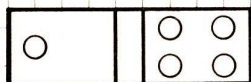


$$2 < 3$$

denn



$$2 + 1 = 3$$



denn



denn



denn



$$6 > 5$$

denn



$$5 + 1 = 6$$



denn



denn



1

3 < 5, denn $3 + 2 = 5$

2 4, denn

2 7, denn

5 6, denn

8 10, denn

3 7, denn

6 9, denn

~~2~~

4 > 3, denn $3 + 1 = 4$

5 3, denn

9 3, denn

10 6, denn

5 4, denn

9 5, denn

$$5 + a < 9$$

$$a = 0, 1, 2, 3$$

$$2 + a < 4$$

$$a =$$

1

$$4 + x < 8$$

$$x =$$

$$9 + e < 10$$

$$e =$$

$$1 + e < 4$$

$$e =$$

$$6 + a < 9$$

$$a =$$

$$7 - u > 3$$

$$u =$$

$$10 - x > 6$$

$$x =$$

2

$$3 - a > 0$$

$$a =$$

$$8 - u > 5$$

$$u =$$

$$5 - x < 7$$

$$x =$$

$$9 - e > 6$$

$$e =$$

$$5 + 3 = 8$$

$$6 + 4 = 2$$

$$7 + 3 = 4$$

$$3 + 4 = 7$$

$$2 + 2 = 4$$

$$7 + 7 = 0$$

$$10 + 3 = 6$$

$$8 + 3 = 9$$

$$2 + 3 = 9$$

$$9 + 2 = 7$$

$$8 + 4 = 4$$

$$5 + 4 = 9$$

$$6 + 4 = 10$$

$$4 + 4 = 6$$

$$10 + 6 = 4$$

$$10 + 6 = 10$$

$$4 + 6 = 3$$

$$3 + 3 = 3$$

$$10 + 6 = 0$$



1

$$\begin{array}{l} 4+4+1 \\ 2+3+2 \\ 5+1+3 \\ 3+3+3 \\ 2+2+2 \end{array}$$

$$\begin{array}{l} 3+6+1 \\ 3+4+2 \\ 1+6+2 \\ 3+5+2 \\ 6+1+1 \end{array}$$

$$\begin{array}{l} 3+1+4 \\ 2+3+5 \\ 1+2+3 \\ 1+1+2 \\ 5+2+3 \end{array}$$

2

$$\begin{array}{l} 6-4-1 \\ 9-2-7 \\ 10-5-2 \\ 8-1-2 \\ 7-3-1 \end{array}$$

$$\begin{array}{l} 8-4-3 \\ 8-3-4 \\ 6-2-4 \\ 7-1-3 \\ 9-2-2 \end{array}$$

$$\begin{array}{l} 10-6-1 \\ 10-4-3 \\ 3-1-1 \\ 8-5-2 \\ 5-1-2 \end{array}$$

3

x	$10-x$
7	
5	
8	
9	
3	
4	

a	$a+3$
5	
7	
2	
3	
6	
4	

e	$e+5$
1	
4	
3	
5	
2	
0	

X

$$\begin{array}{l} 4+3 \\ 3+4 \\ 7-3 \\ 7-4 \end{array}$$

$$\begin{array}{l} 3+7 \\ 7+3 \\ 10-3 \\ 10-7 \end{array}$$

$$\begin{array}{l} 5+4 \\ 4+5 \\ 9-4 \\ 9-5 \end{array}$$

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Bärbel Tischer

Günter Grahmann

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