

Unser neues Rechenbuch



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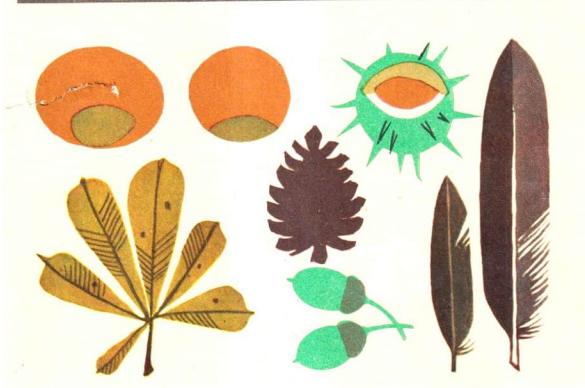
VOLK UND WISSEN VOLKSEIGENER VERLAG BERLIN · 1974











Rechenbuch für Hilfsschulen, Klasse 3

Vom Ministerium für Volksbildung der Deutschen Demokratischen Republik
als Schulbuch bestätigt







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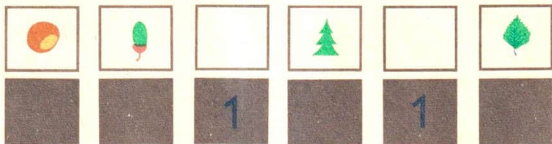


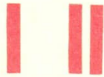
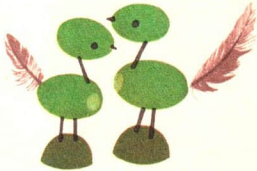


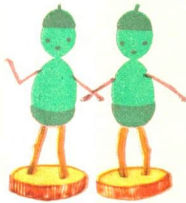
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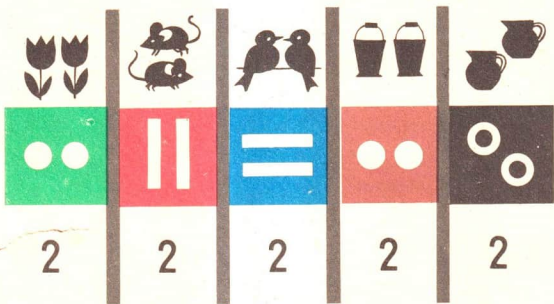
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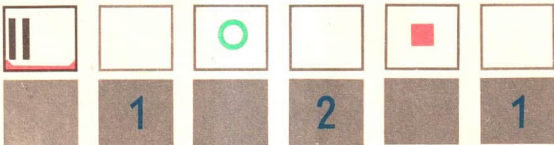


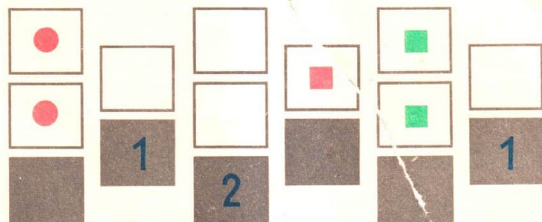
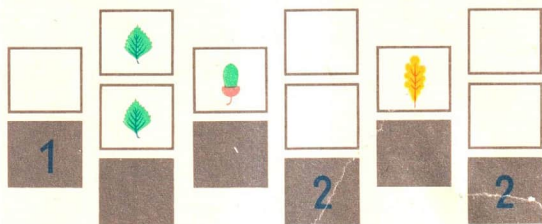
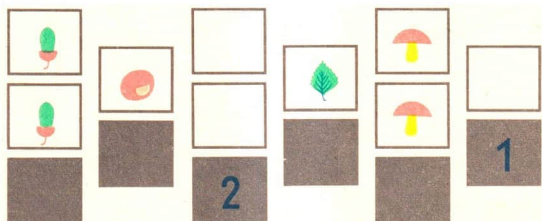


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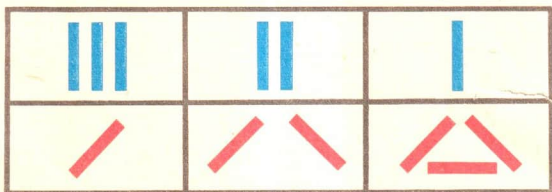


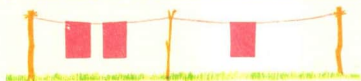
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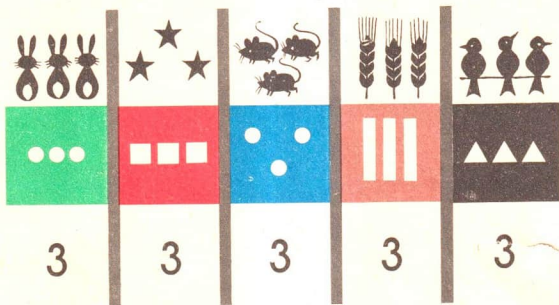




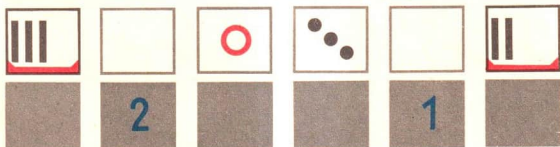


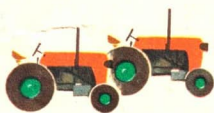


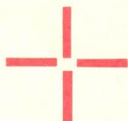




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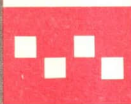








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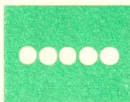
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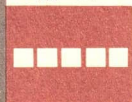
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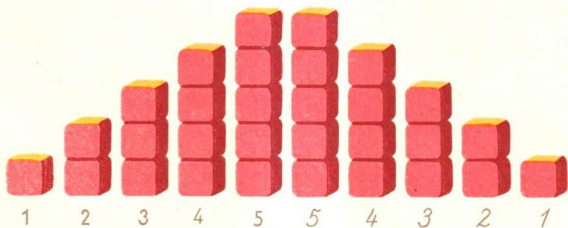
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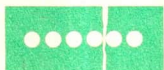
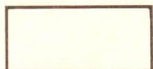
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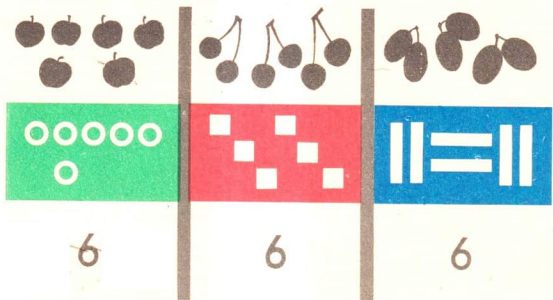


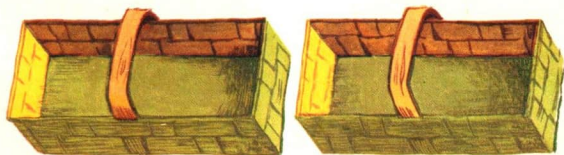
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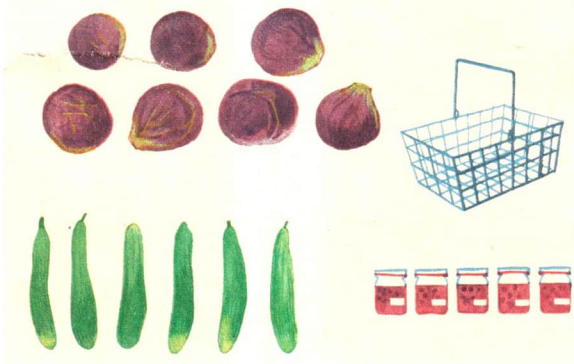


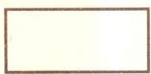
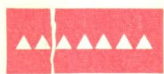
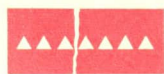
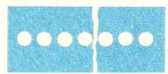
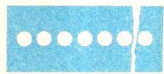
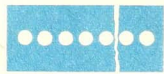
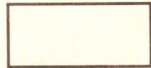
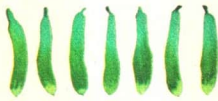


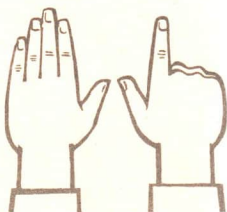




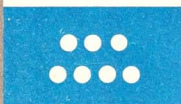








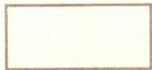
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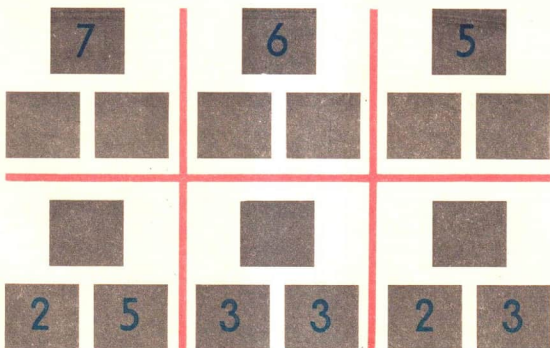
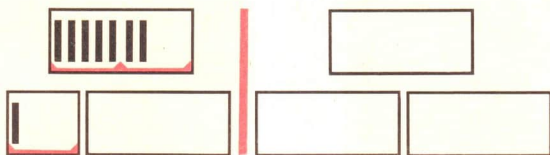
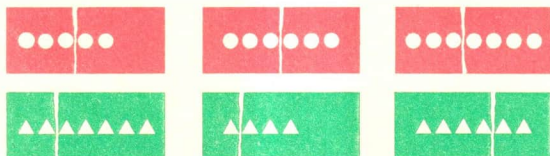
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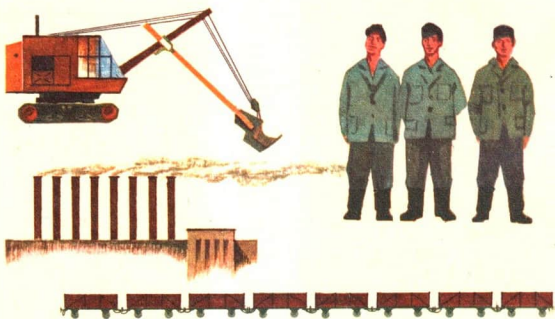
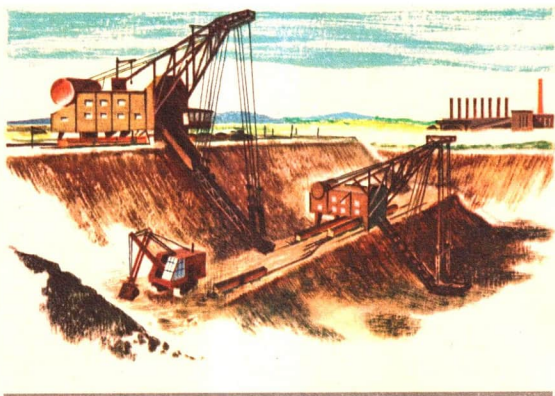


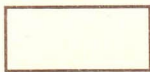
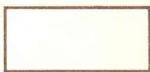
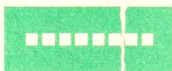
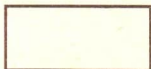
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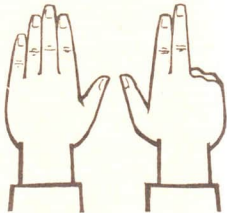


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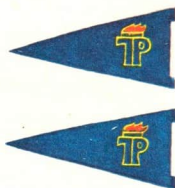


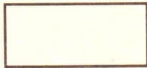
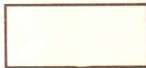
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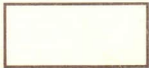
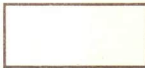
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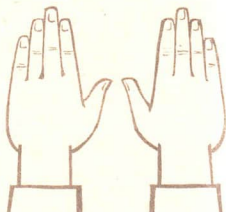
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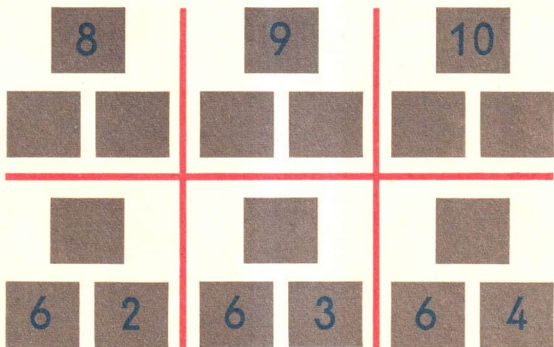
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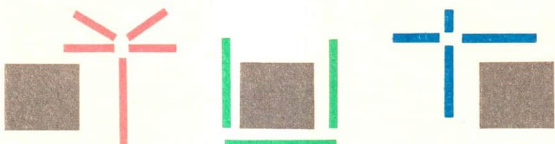
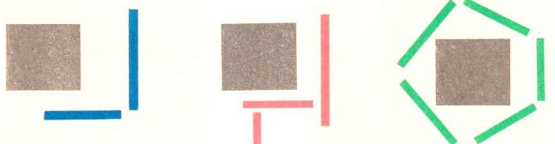
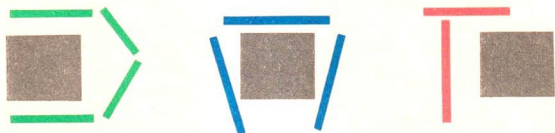
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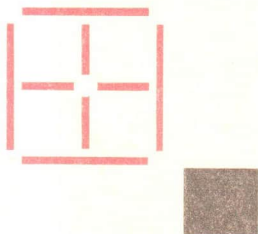
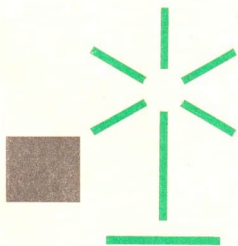
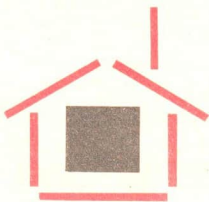
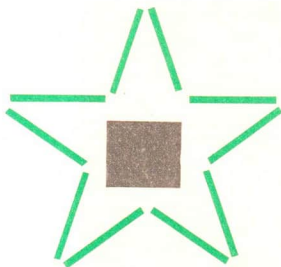
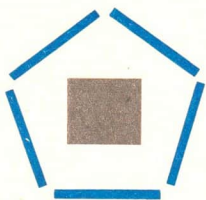


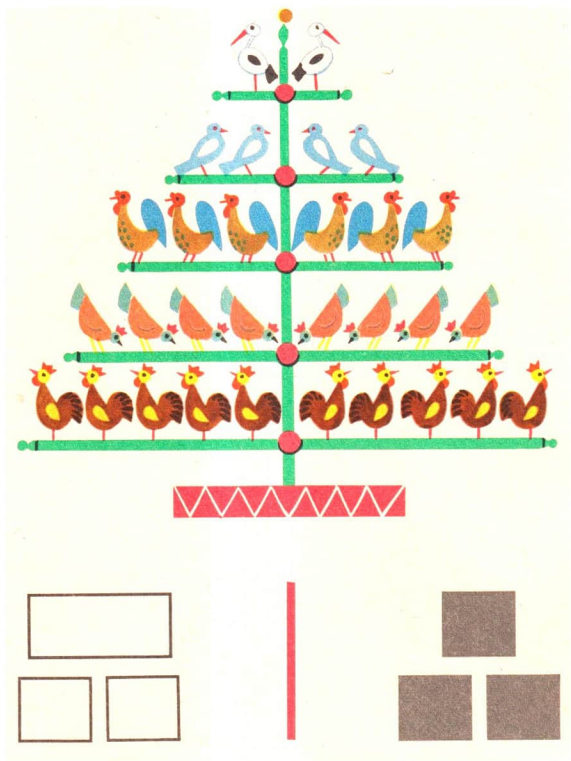
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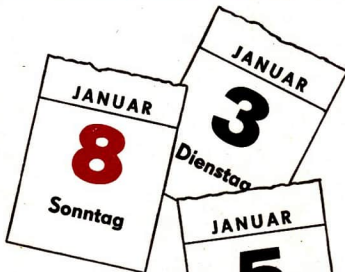


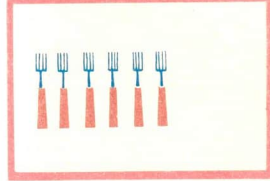
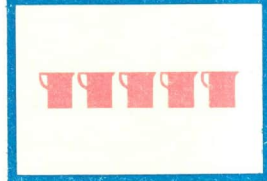
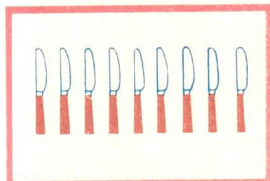
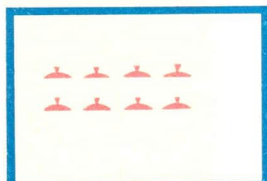
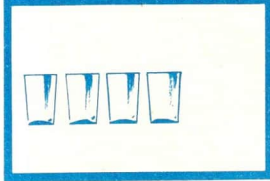
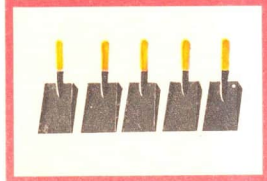
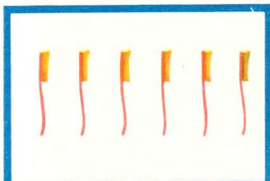
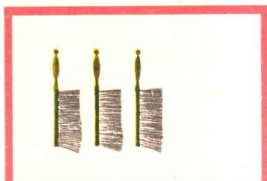






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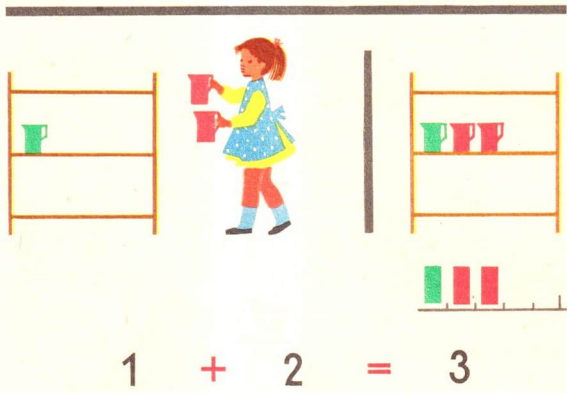


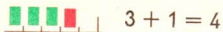


$$1 + 1 = 2$$



$$1 + 1 = 2$$





$3 + 1 = 4$



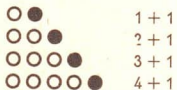
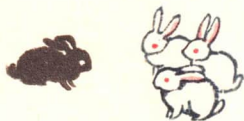
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$4 + 1 = 5$



$1 + 4 = \square$

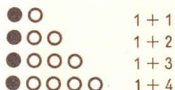


$1 + 1$

$2 + 1$

$3 + 1$

$4 + 1$



$1 + 1$

$1 + 2$

$1 + 3$

$1 + 4$

$2 + 1$

$3 + 1$

$4 + 1$

$1 + 1$

$1 + 3$

$1 + 1$

$3 + 1$

$1 + 2$

$1 + 3$

$1 + 4$

$1 + 2$

$1 + 4$

$2 + 1$

$4 + 1$



$5 + 1 = \square$



$1 + 5 = \square$



$6 + 1 = \square$



$7 + 1 = \square$



$1 + 6 = \square$



$1 + 7 = \square$

$5 + 1$
 $1 + 5$

$6 + 1$
 $1 + 6$

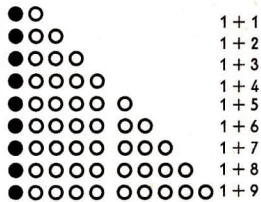
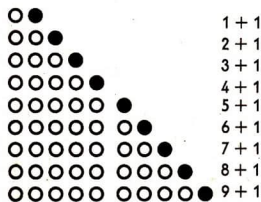
$7 + 1$
 $1 + 7$

$4 + 1$
 $5 + 1$

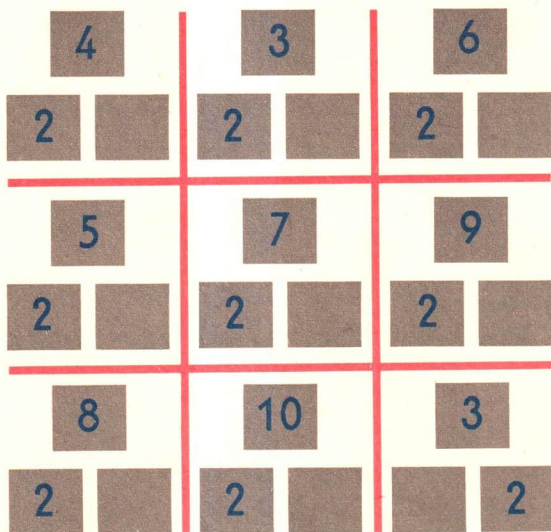
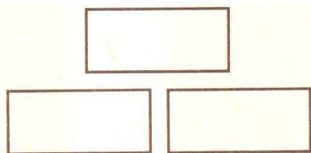
$6 + 1$
 $7 + 1$

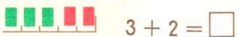
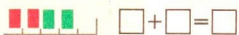
$1 + 4$
 $1 + 5$

$1 + 6$
 $1 + 7$



| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| 8 + 1 | 9 + 1 | 6 + 1 | 8 + 1 | 1 + 9 | 1 + 7 | 1 + 5 |
| 1 + 8 | 1 + 9 | 7 + 1 | 9 + 1 | 1 + 8 | 1 + 6 | 1 + 4 |
| 4 + 1 | 7 + 1 | 9 + 1 | 1 + 7 | 1 + 5 | 1 + 4 | 1 + 7 |
| 3 + 1 | 5 + 1 | 6 + 1 | 1 + 8 | 1 + 6 | 1 + 9 | 7 + 1 |





- 1) $1 + 2$
 $2 + 1$
 $2 + 2$
 $3 + 2$
 $2 + 3$

- 2) $4 + 2$
 $2 + 4$
 $2 + 2$
 $2 + 3$
 $2 + 1$

- 3) $3 + 1$
 $3 + 2$
 $2 + 2$
 $4 + 1$
 $4 + 2$

- 4) $1 + 1$
 $7 + 1$
 $9 + 1$
 $6 + 1$
 $5 + 1$

- 5) $1 + 1$
 $1 + 3$
 $1 + 4$
 $1 + 6$
 $1 + 8$




 $5 + 2 = \square$


 $\square + \square = \square$


 $6 + 2 = \square$






 $\square + \square = \square$

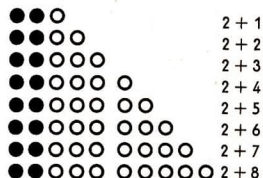
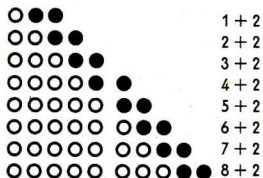

 $7 + 2 = \square$


 $\square + \square = \square$


 $8 + 2 = \square$


 $\square + \square = \square$

| | | | |
|---|---|---|---|
|  |  |  |  |
| $\square + \square = \square$ | $\square + \square = \square$ | $\square + \square = \square$ | $\square + \square = \square$ |



1) $1+2$
 $2+1$
 $2+2$
 $3+2$
 $2+3$

2) $4+2$
 $2+4$
 $5+2$
 $2+5$
 $2+2$

3) $6+2$
 $2+6$
 $7+2$
 $2+7$
 $1+2$

4) $8+2$
 $2+8$
 $2+1$
 $2+2$
 $2+3$

5) $5+2$
 $7+2$
 $4+2$
 $8+2$
 $6+2$

6) $3+2$
 $2+2$
 $1+2$
 $2+1$
 $3+1$

7) $2+3$
 $2+7$
 $2+5$
 $2+8$
 $2+6$

8) $2+2$
 $2+4$
 $2+6$
 $2+8$
 $2+5$

9) $1+1$
 $2+1$
 $1+2$
 $2+2$
 $1+3$

10) $2+3$
 $1+4$
 $2+4$
 $1+5$
 $2+5$

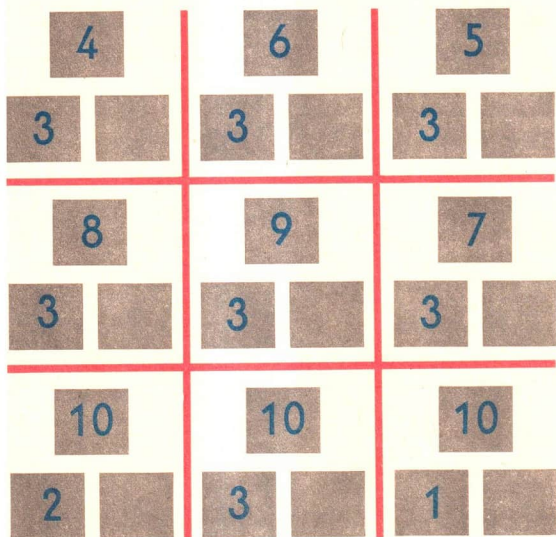
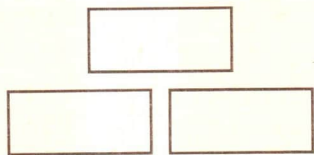
~~1) $1+6$
 $2+6$
 $1+7$
 $2+7$
 $1+8$~~

~~2) $2+8$
 $2+3$
 $1+5$
 $1+9$
 $2+6$~~

3) $8+1$
 $4+2$
 $6+1$
 $5+2$
 $1+1$

4) $4+1$
 $9+1$
 $3+2$
 $5+1$
 $8+2$

5) $1+4$
 $2+5$
 $2+7$
 $1+3$
 $2+6$



 $3 + 3 = \square$

 $\square + \square = \square$



 $4 + 3 = \square$

 $\square + \square = \square$

 $5 + 3 = \square$

 $\square + \square = \square$

 $6 + 3 = \square$

 $\square + \square = \square$



$7 + 3 = \square$



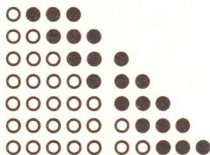
$\square + 7 = \square$



$\square + \square = \square$

$\square + \square = \square$

$\square + \square = \square$



$1 + 3$

$2 + 3$

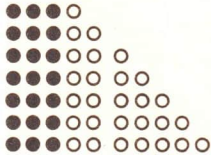
$3 + 3$

$4 + 3$

$5 + 3$

$6 + 3$

$7 + 3$



$3 + 1$

$3 + 2$

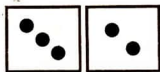
$3 + 3$

$3 + 4$

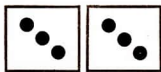
$3 + 5$

$3 + 6$

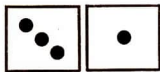
$3 + 7$



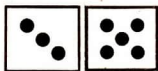
$$\square + \square = \square$$



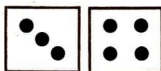
$$\square + \square = \square$$



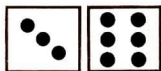
$$\square + \square = \square$$



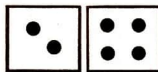
$$\square + \square = \square$$



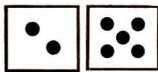
$$\square + \square = \square$$



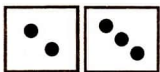
$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$

1) $3 + 1$

$1 + 3$

$3 + 2$

$2 + 3$

$3 + 3$

2) $4 + 3$

$3 + 4$

$5 + 3$

$3 + 5$

$6 + 3$

3) $3 + 6$

$7 + 3$

$3 + 7$

$2 + 7$

$1 + 7$

4) $1 + 3$

$2 + 3$

$3 + 3$

$4 + 3$

$5 + 3$

5) $6 + 3$

$7 + 3$

$1 + 3$

$2 + 3$

$3 + 3$

6) $4 + 1$

$5 + 2$

$6 + 3$

$7 + 3$

$3 + 7$

7) $3 + 6$

$3 + 5$

$3 + 4$

$3 + 3$

$3 + 2$

8) $3 + 1$

$2 + 1$

$1 + 1$

$2 + 2$

$3 + 3$

9) $1 + 4$

$2 + 6$

$1 + 3$

$2 + 4$

$1 + 5$

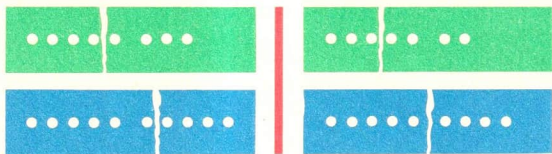
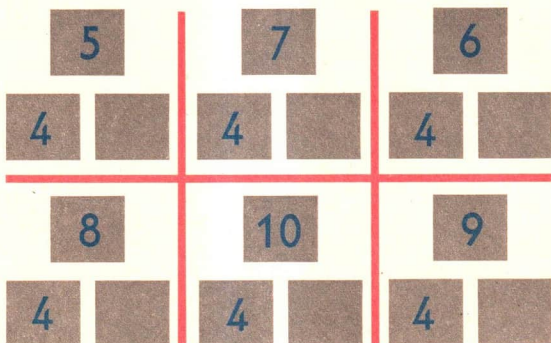
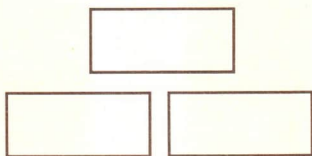
10) $2 + 6$

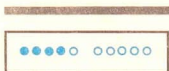
$3 + 5$

$1 + 7$

$2 + 8$

$3 + 4$





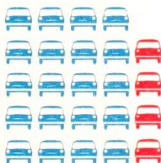
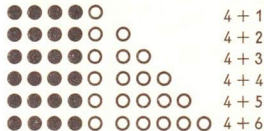
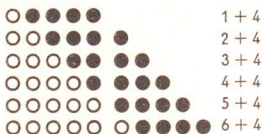
□ + □ = □



□ + □ = □



□ + □ = □



4

$4 + \square = \square$

$4 + \square = \square$

$4 + \square = \square$

$4 + \square = \square$

1) 4 + 1
1 + 4
4 + 2
2 + 4
4 + 3

2) 3 + 4
5 + 4
4 + 5
6 + 4
4 + 6

3) 4 + 4
3 + 3
2 + 2
1 + 1
5 + 4

4) 1 + 4
2 + 4
3 + 4
4 + 4
5 + 4

5) 6 + 4
4 + 6
4 + 5
4 + 4
4 + 3

6) 4 + 2
4 + 1
4 + 4
4 + 3
4 + 5

7) 1 + 3
3 + 4
4 + 2
2 + 6
3 + 5

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

9) 3 + 6
8 + 1
5 + 4
6 + 3
4 + 5

10) 2 + 1
2 + 2
2 + 3
2 + 4
2 + 5

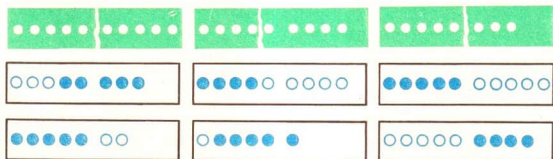
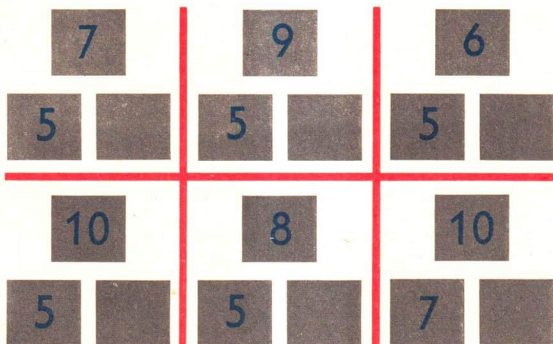
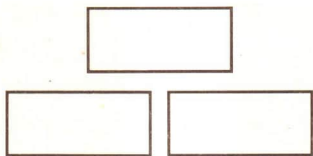
1) 1 + 4
1 + 6
1 + 3
1 + 2
1 + 8

2) 3 + 2
3 + 4
3 + 6
3 + 1
3 + 7

3) 2 + 4
2 + 2
2 + 6
2 + 3
2 + 5

4) 1 + 3
2 + 3
3 + 3
4 + 3
5 + 3

5) 5 + 4
4 + 4
3 + 4
2 + 4
1 + 4





$(1)(1)(1)(1)(1) = (5)$

$(5) + (5) = (10)$

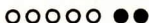
$(5) (1) \quad 5 + 1 = \square$

$(5) (1)(1) \quad 5 + 2 = \square$

$(5) (1)(1)(1) \quad 5 + 3 = \square$

$(5) (1)(1)(1)(1) \quad 5 + 4 = \square$

$(5) (1)(1)(1)(1)(1) \quad 5 + 5 = \square$



$(1) (5) \quad 1 + 5 = \square$

$(1)(1) (5) \quad 2 + 5 = \square$

$(1)(1)(1) (5) \quad 3 + 5 = \square$

$(1)(1)(1)(1) (5) \quad 4 + 5 = \square$

$(1)(1)(1)(1)(1) (5) \quad 5 + 5 = \square$



⑤ ①①①①

$$5 + 4 = \square$$

⑤ ①①

$$\square + \square = \square$$

①①①⑤

$$\square + \square = \square$$

① ⑤

$$\square + \square = \square$$

1) $5 + 1$

$1 + 5$

$5 + 2$

$2 + 5$

$5 + 3$

2) $3 + 5$

$5 + 4$

$4 + 5$

$5 + 5$

$1 + 5$

3) $5 + 1$

$5 + 2$

$5 + 3$

$5 + 4$

$5 + 5$

4) $5 + 5$

$4 + 5$

$3 + 5$

$2 + 5$

$1 + 5$

5) $5 + 5$

$4 + 4$

$3 + 3$

$2 + 2$

$1 + 1$

6) $5 + 3$

$5 + 5$

$5 + 2$

$5 + 4$

$5 + 1$

7) $1 + 5$

$3 + 5$

$5 + 5$

$4 + 5$

$2 + 5$

8) $1 + 2$

$1 + 4$

$1 + 3$

$1 + 5$

$1 + 1$

9) $1 + 8$

$1 + 6$

$1 + 9$

$1 + 7$

$1 + 4$

10) $2 + 1$

$2 + 3$

$2 + 6$

$2 + 4$

$2 + 5$

1) $2 + 2$

$2 + 8$

$2 + 5$

$2 + 7$

$2 + 6$

2) $3 + 3$

$3 + 6$

$3 + 4$

$3 + 7$

$3 + 5$

3) $4 + 6$

$4 + 2$

$4 + 5$

$4 + 3$

$4 + 1$

4) $3 + 4$

$5 + 3$

$8 + 2$

$6 + 3$

$2 + 7$

5) $6 + 1$

$3 + 4$

$2 + 5$

$1 + 5$

$5 + 3$

6) $4 + 1 + 1$

$1 + 3 + 1$

$6 + 1 + 1$

$2 + 1 + 1$

$1 + 5 + 1$

7) $1 + 1 + 1$

$2 + 2 + 2$

$3 + 3 + 3$

$4 + 4 + 2$

$7 + 2 + 1$

8) $3 + 1 + 5$

$4 + 1 + 3$

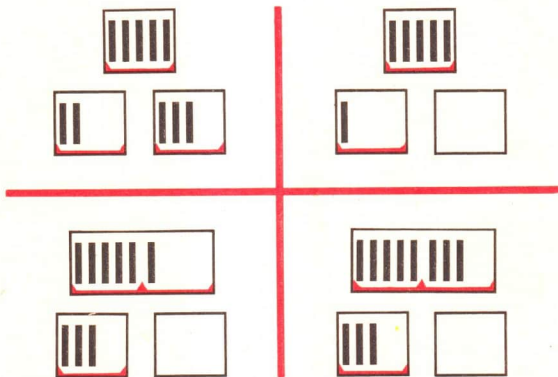
$1 + 5 + 1$

$3 + 2 + 1$

$1 + 8 + 1$



$$5 = 3 + \square$$



1) $2 = 1 + \square$
 $3 = 2 + \square$
 $3 = 1 + \square$
 $4 = 2 + \square$
 $4 = 3 + \square$
 $4 = 1 + \square$

2) $5 = 3 + \square$
 $5 = 2 + \square$
 $5 = 1 + \square$
 $5 = 4 + \square$
 $6 = 3 + \square$
 $6 = 2 + \square$

3) $6 = 4 + \square$
 $6 = 5 + \square$
 $6 = 1 + \square$
 $7 = 4 + \square$
 $7 = 3 + \square$
 $7 = 5 + \square$

4) $7 = 2 + \square$
 $7 = 6 + \square$
 $7 = 1 + \square$
 $8 = 4 + \square$
 $8 = 5 + \square$
 $8 = 3 + \square$



$$10 = 5 + \square$$



$$2 = \square + \square$$



$$4 = \square + \square$$



$$6 = \square + \square$$



$$7 = \square + \square$$



$$9 = \square + \square$$



$$5 = \square + \square$$

1) $8 = 6 + \square$

$$8 = 2 + \square$$

$$8 = 7 + \square$$

$$8 = 1 + \square$$

$$9 = 5 + \square$$

$$9 = 4 + \square$$

2) $9 = 6 + \square$

$$9 = 3 + \square$$

$$9 = 7 + \square$$

$$9 = 2 + \square$$

$$9 = 8 + \square$$

$$9 = 1 + \square$$

3) $5 = 2 + \square$

$$7 = 4 + \square$$

$$4 = 1 + \square$$

$$2 = 1 + \square$$

$$8 = 5 + \square$$

$$3 = 1 + \square$$

4) $8 = 4 + \square$

$$5 = 1 + \square$$

$$6 = 3 + \square$$

$$9 = 5 + \square$$

$$4 = 2 + \square$$

$$9 = 7 + \square$$

5) $9 = 3 + \square$

$$5 = 2 + \square$$

$$7 = 5 + \square$$

$$3 = 2 + \square$$

$$4 = 1 + \square$$

$$6 = 2 + \square$$

6) $8 = 5 + \square$

$$9 = 3 + \square$$

$$4 = 2 + \square$$

$$5 = 4 + \square$$

$$2 = 1 + \square$$

$$10 = 8 + \square$$

7) $6 = 4 + \square$

$$9 = 5 + \square$$

$$3 = 1 + \square$$

$$7 = 4 + \square$$

$$5 = 1 + \square$$

$$8 = 4 + \square$$

8) $10 = 1 + \square$

$$9 = 1 + \square$$






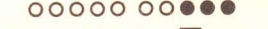


$$8 = 1 + \square$$

$$7 = 1 + \square$$

$$6 = 1 + \square$$

$$5 = 1 + \square$$

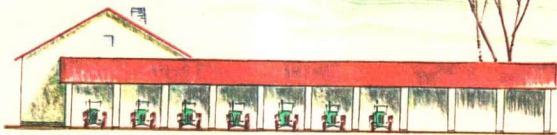


| | |
|---|---|
|  $10 = 6 + \square$ |  $10 = 9 + \square$ |
|  $10 = 1 + \square$ |  $10 = 3 + \square$ |
|  $10 = 4 + \square$ |  $10 = 7 + \square$ |
|  $10 = \square + \square$ |  $10 = \square + \square$ |

1) $10 = 9 + \square$
 $10 = 8 + \square$
 $10 = 7 + \square$

2) $10 = 6 + \square$
 $10 = 5 + \square$
 $10 = 4 + \square$

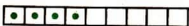
3) $10 = 3 + \square$
 $10 = 2 + \square$
 $10 = 1 + \square$



$$7 + \square = 10$$



$$6 + \square = 10$$



$$4 + \square = 9$$



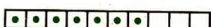
$$2 + \square = 6$$



$$\square + \square = 7$$



$$\square + \square = 8$$



$$\square + \square = 10$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square = \square + \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$

1) $1 + \square = 2$

$1 + \square = 3$

$1 + \square = 4$

$1 + \square = 5$

$1 + \square = 6$

$1 + \square = 7$

2) $1 + \square = 8$

$1 + \square = 9$

$1 + \square = 10$

$2 + \square = 3$

$2 + \square = 5$

$2 + \square = 7$

3) $2 + \square = 4$

$2 + \square = 6$

$2 + \square = 9$

$2 + \square = 8$

$2 + \square = 10$

$3 + \square = 9$

4) $4 + \square = 8$

$5 + \square = 10$

$3 + \square = 6$

$2 + \square = 7$

$5 + \square = 8$

$7 + \square = 9$

1) $7 = 4 + \square$
 $8 = 6 + \square$
 $6 = 3 + \square$
 $10 = 5 + \square$
 $5 = 2 + \square$
 $9 = 6 + \square$

2) $8 = 5 + \square$
 $9 = 3 + \square$
 $5 = 1 + \square$
 $3 = 2 + \square$
 $7 = 5 + \square$
 $6 = 4 + \square$

3) $9 = 3 + \square$
 $5 = 2 + \square$
 $7 = 1 + \square$
 $8 = 4 + \square$
 $6 = 2 + \square$
 $10 = 6 + \square$

4) $10 = 4 + \square$
 $8 = 7 + \square$
 $6 = 1 + \square$
 $9 = 2 + \square$
 $7 = 3 + \square$
 $5 = 4 + \square$

5) $8 = 3 + \square$
 $6 = 2 + \square$
 $10 = 8 + \square$
 $5 = 1 + \square$
 $7 = 6 + \square$
 $9 = 5 + \square$

6) $9 = 3 + \square$
 $4 = 1 + \square$
 $8 = 1 + \square$
 $6 = 2 + \square$
 $3 = 1 + \square$
 $5 = 4 + \square$

7) $3 + \square = 5$
 $2 + \square = 7$
 $5 + \square = 9$
 $6 + \square = 8$
 $1 + \square = 4$
 $8 + \square = 9$

8) $4 + \square = 8$
 $3 + \square = 4$
 $1 + \square = 6$
 $5 + \square = 7$
 $6 + \square = 9$
 $3 + \square = 5$

9) $2 + \square = 3$
 $4 + \square = 6$
 $3 + \square = 6$
 $6 + \square = 9$
 $5 + \square = 7$
 $7 + \square = 9$

1) $5 + \square = 7$
 $7 + \square = 9$
 $8 + \square = 9$
 $3 + \square = 9$
 $2 + \square = 3$
 $6 + \square = 7$

2) $1 + \square = 7$
 $2 + \square = 7$
 $3 + \square = 7$
 $4 + \square = 7$
 $5 + \square = 7$
 $6 + \square = 7$

3) $6 + \square = 9$
 $5 + \square = 9$
 $4 + \square = 9$
 $3 + \square = 9$
 $2 + \square = 9$
 $1 + \square = 9$

4) $9 = 2 + \square$
 $8 = 4 + \square$
 $7 = 4 + \square$
 $6 = 1 + \square$
 $10 = 2 + \square$
 $10 = 5 + \square$

5) $1 + \square = 8$
 $2 + \square = 8$
 $6 + \square = 10$
 $9 + \square = 10$
 $3 + \square = 8$
 $4 + \square = 8$

6) $8 = 6 + \square$
 $10 = 4 + \square$
 $2 + \square = 6$
 $5 + \square = 9$
 $8 = 5 + \square$
 $10 = 3 + \square$



$10 - 1 = \square$



$9 - 1 = \square$



$8 - 1 = \square$



$6 - 1 = \square$



$5 - 1 = \square$



$4 - 1 = \square$



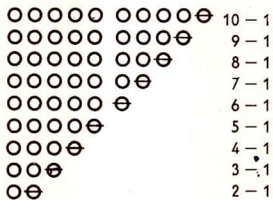
$3 - 1 = \square$



$2 - 1 = \square$



$10 - 1 = \square$





$1 - 1 = 0$



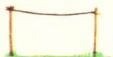
$3 - 3 = 0$



$6 - 6 = 0$



$8 - 8 = 0$



$2 - 2 = 0$



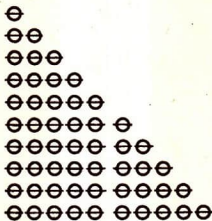
$4 - 4 = 0$



$7 - 7 = 0$



$9 - 9 = 0$



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



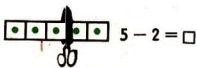
$$10 - 2 = \square$$



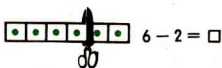
$$3 - 2 = \square$$



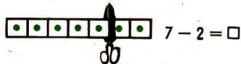
$$4 - 2 = \square$$



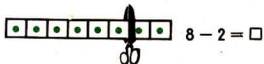
$$5 - 2 = \square$$



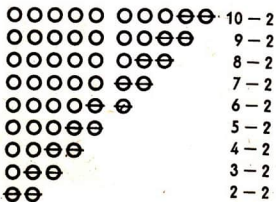
$$6 - 2 = \square$$



$$7 - 2 = \square$$



$$8 - 2 = \square$$



- 1) $7 - 2$
 $4 - 2$
 $3 - 2$
 $6 - 2$
 $5 - 2$
 $2 - 2$

- 2) $8 - 2$
 $3 - 2$
 $10 - 2$
 $9 - 2$
 $7 - 2$
 $6 - 2$

- 3) $10 - 2$
 $10 - 1$
 $9 - 2$
 $9 - 1$
 $8 - 2$
 $8 - 1$

- 4) $7 - 2$
 $7 - 1$
 $6 - 2$
 $6 - 1$
 $5 - 2$
 $5 - 1$

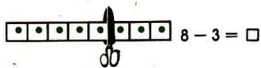
- 5) $4 - 2$
 $4 - 1$
 $3 - 2$
 $3 - 1$
 $2 - 2$
 $2 - 1$



$$10 - 3 = \square$$



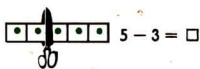
$$9 - 3 = \square$$



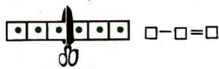
$$8 - 3 = \square$$



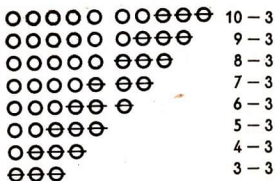
$$7 - 3 = \square$$



$$5 - 3 = \square$$



$$\square - \square = \square$$



- 1) $9 - 3$
 $5 - 3$
 $6 - 3$
 $8 - 3$
 $4 - 3$
 $7 - 3$

- 2) $10 - 3$
 $3 - 3$
 $9 - 3$
 $5 - 3$
 $6 - 3$
 $8 - 3$

- 3) $10 - 1$
 $10 - 2$
 $10 - 3$
 $5 - 1$
 $5 - 2$
 $5 - 3$

- 4) $8 - 3$
 $8 - 2$
 $8 - 1$
 $6 - 3$
 $6 - 2$
 $6 - 1$

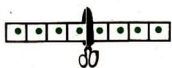
- 5) $7 - 2$
 $3 - 1$
 $9 - 3$
 $4 - 2$
 $7 - 3$
 $3 - 3$



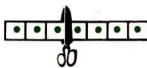
$$10 - 4 = \square$$



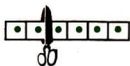
$$9 - 4 = \square$$



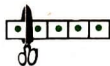
$$8 - 4 = \square$$



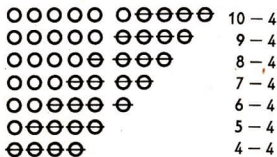
$$7 - 4 = \square$$



$$6 - 4 = \square$$



$$5 - 4 = \square$$



1) $8 - 4$
 $5 - 4$
 $4 - 4$
 $7 - 4$
 $9 - 4$
 $6 - 4$

2) $8 - 1$
 $8 - 2$
 $8 - 3$
 $8 - 4$
 $5 - 1$
 $5 - 2$

3) $5 - 3$
 $5 - 4$
 $7 - 1$
 $7 - 2$
 $7 - 3$
 $7 - 4$

4) $9 - 1$
 $9 - 2$
 $9 - 3$
 $9 - 4$
 $10 - 3$
 $10 - 4$

5) $4 - 4$
 $4 - 3$
 $4 - 2$
 $4 - 1$
 $6 - 4$
 $5 - 3$



$$10 - 5 = \square$$



$9 - 5 = \square$

$9 - 4 = \square$



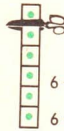
$8 - 5 = \square$

$8 - 3 = \square$



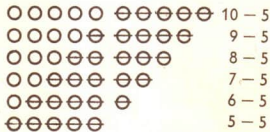
$7 - 5 = \square$

$7 - 2 = \square$



$6 - 5 = \square$

$6 - 1 = \square$



$10 - 5$

$9 - 5$

$8 - 5$

$7 - 5$

$6 - 5$

$5 - 5$

1) $7 - 5$

$9 - 5$

$5 - 5$

$10 - 5$

$8 - 5$

$6 - 5$

2) $10 - 1$

$10 - 2$

$10 - 3$

$10 - 4$

$10 - 5$

$9 - 5$

3) $9 - 4$

$9 - 3$

$9 - 2$

$9 - 1$

$5 - 5$

$5 - 4$

4) $7 - 1$

$7 - 2$

$7 - 3$

$7 - 4$

$7 - 5$

$6 - 5$

5) $3 - 2$

$7 - 4$

$5 - 3$

$9 - 2$

$8 - 5$

$6 - 4$

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

| | | | | |
|------------|------------|-------------|------------|-------------|
| 6) $8 - 3$ | 7) $7 - 3$ | 8) $10 - 4$ | 9) $9 - 4$ | 10) $9 - 5$ |
| $5 - 3$ | $3 - 3$ | $5 - 4$ | $6 - 4$ | $7 - 5$ |
| $9 - 3$ | $8 - 3$ | $7 - 4$ | $4 - 4$ | $5 - 5$ |
| $6 - 3$ | $5 - 3$ | $4 - 4$ | $7 - 4$ | $10 - 5$ |
| $4 - 3$ | $10 - 3$ | $6 - 4$ | $8 - 4$ | $8 - 5$ |
| $10 - 3$ | $6 - 3$ | $8 - 4$ | $10 - 4$ | $6 - 5$ |

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

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

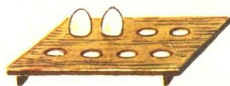
| | | | | |
|------------|------------|------------|------------|------------|
| 1) $7 - 2$ | 2) $3 + 3$ | 3) $2 + 2$ | 4) $2 + 8$ | 5) $4 + 5$ |
| $7 + 2$ | $3 - 3$ | $4 - 2$ | $10 - 2$ | $9 - 4$ |
| $6 + 2$ | $5 + 5$ | $5 + 5$ | $3 + 6$ | $1 + 5$ |
| $6 - 2$ | $5 - 5$ | $10 - 5$ | $9 - 3$ | $6 - 1$ |
| $5 + 1$ | $4 + 4$ | $3 + 4$ | $2 + 6$ | $3 + 7$ |
| $5 - 1$ | $4 - 4$ | $7 - 3$ | $8 - 2$ | $10 - 3$ |



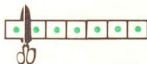
$$10 - 6 = \square$$



$$9 - 6 = \square$$



$$8 - 6 = \square$$

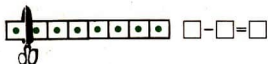
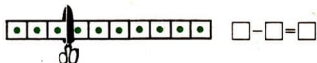


$$7 - 6 = \square$$

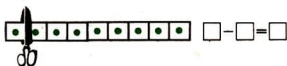


- | | | | | |
|----------|----------|----------|----------|----------|
| 1) 9 - 6 | 2) 7 - 5 | 3) 9 - 1 | 4) 3 - 2 | 5) 5 - 4 |
| 7 - 6 | 7 - 2 | 9 - 4 | 9 - 5 | 3 - 1 |
| 8 - 6 | 7 - 3 | 9 - 2 | 5 - 4 | 8 - 5 |
| 6 - 6 | 7 - 1 | 9 - 6 | 7 - 3 | 7 - 6 |
| 10 - 6 | 7 - 4 | 9 - 3 | 10 - 6 | 10 - 3 |
| 10 - 5 | 7 - 6 | 9 - 5 | 8 - 4 | 6 - 5 |

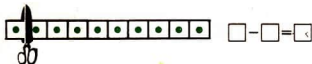
| | |
|-------------------------|--------|
| ○○○○○○○ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ | 10 - 7 |
| ○○○○○○○ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ | 9 - 7 |
| ○○○○○○○ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ | 8 - 7 |
| ○○○○○○○ ⊖ ⊖ ⊖ ⊖ ⊖ | 7 - 7 |



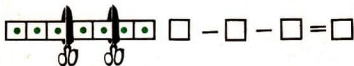
| | |
|-------------------------|--------|
| ○○○○○○○ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ | 10 - 8 |
| ○○○○○○○ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ | 9 - 8 |
| ○○○○○○○ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ | 8 - 8 |



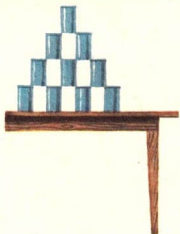
| | |
|-------------------------|--------|
| ○○○○○○○ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ | 10 - 9 |
| ○○○○○○○ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ ⊖ | 9 - 9 |



- | | | | | |
|----------|----------|-----------|-----------|----------|
| 1) 9 - 7 | 2) 9 - 7 | 3) 10 - 9 | 4) 10 - 3 | 5) 8 - 7 |
| 7 - 7 | 10 - 9 | 10 - 8 | 10 - 2 | 8 - 6 |
| 10 - 7 | 8 - 7 | 10 - 7 | 10 - 1 | 8 - 5 |
| 8 - 7 | 10 - 8 | 10 - 6 | 9 - 8 | 8 - 4 |
| 9 - 8 | 9 - 9 | 10 - 5 | 9 - 7 | 8 - 3 |
| 10 - 8 | 7 - 7 | 10 - 4 | 9 - 6 | 8 - 2 |



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



$$10 - \square = 7$$



$$10 - \square = 5$$



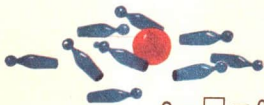
$$10 - \square = 4$$



$$9 - \square = 8$$



$$9 - \square = 7$$



$$9 - \square = 0$$

1) $10 - \square = 9$
 $10 - \square = 8$
 $10 - \square = 7$
 $10 - \square = 6$
 $10 - \square = 5$
 $10 - \square = 4$

2) $10 - \square = 3$
 $10 - \square = 2$
 $10 - \square = 1$
 $10 - \square = 7$
 $10 - \square = 9$
 $10 - \square = 5$

3) $9 - \square = 8$
 $9 - \square = 7$
 $9 - \square = 6$
 $9 - \square = 5$
 $9 - \square = 4$
 $9 - \square = 3$

4) $9 - \square = 2$
 $9 - \square = 1$
 $9 - \square = 5$
 $9 - \square = 8$
 $9 - \square = 6$
 $9 - \square = 4$



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

$$\textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \quad \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \quad - \quad \textcircled{10}$$

| | |
|--|--|
| $\textcircled{1}$ 1 | $\textcircled{10} \textcircled{1}$ 11 |
| $\textcircled{1} \textcircled{1}$ 2 | $\textcircled{10} \textcircled{1} \textcircled{1}$ 12 |
| $\textcircled{1} \textcircled{1} \textcircled{1}$ 3 | $\textcircled{10} \textcircled{1} \textcircled{1} \textcircled{1}$ 13 |
| $\textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1}$ 4 | $\textcircled{10} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1}$ 14 |
| $\textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1}$ 5 | $\textcircled{10} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1}$ 15 |

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|------------------------------|--------------------------------|
| <p>①①①①① ①</p> <p>6</p> | <p>⑩ ①①①①① ①</p> <p>16</p> |
| <p>①①①①① ①①</p> <p>7</p> | <p>⑩ ①①①①① ①①</p> <p>17</p> |
| <p>①①①①① ①①①</p> <p>8</p> | <p>⑩ ①①①①① ①①①</p> <p>18</p> |
| <p>①①①①① ①①①①</p> <p>9</p> | <p>⑩ ①①①①① ①①①①</p> <p>19</p> |
| <p>①①①①① ①①①①①</p> <p>10</p> | <p>⑩ ①①①①① ①①①①①</p> <p>20</p> |
| <p>⑩</p> <p>10</p> | <p>⑩ ⑩</p> <p>20</p> |

| | | | | | | | | | |
|---|---|----|---|----|---|---|----|---|----|
| 1 | 2 | | 4 | | 6 | 7 | | 9 | |
| | | 13 | | 15 | | | 18 | | 20 |

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$$\square + \square = \square$$

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$$\square + \square = \square$$


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$$\square + \square = \square$$


 $1 + 1 = \square$

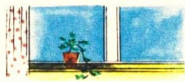

 $11 + 1 = \square$

- | | | | | |
|------------|------------|------------|-------------|-------------|
| 1) $1 + 1$ | 2) $4 + 1$ | 3) $7 + 1$ | 4) $16 + 1$ | 5) $18 + 1$ |
| $11 + 1$ | $14 + 1$ | $17 + 1$ | $11 + 1$ | $14 + 1$ |
| $2 + 1$ | $5 + 1$ | $8 + 1$ | $15 + 1$ | $19 + 1$ |
| $12 + 1$ | $15 + 1$ | $18 + 1$ | $13 + 1$ | $10 + 1$ |
| $3 + 1$ | $6 + 1$ | $9 + 1$ | $17 + 1$ | $16 + 1$ |
| $13 + 1$ | $16 + 1$ | $19 + 1$ | $12 + 1$ | $15 + 1$ |


 $1 + 2 = \square$


 $11 + 2 = \square$


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|--------------|--------------|--------------|--------------|--------------|
| 6) $1 + 2$ | 7) $4 + 2$ | 8) $7 + 2$ | 9) $11 + 1$ | 10) $14 + 1$ |
| $11 + 2$ | $14 + 2$ | $17 + 2$ | $11 + 2$ | $14 + 2$ |
| $2 + 2$ | $5 + 2$ | $8 + 2$ | $12 + 1$ | $15 + 1$ |
| $12 + 2$ | $15 + 2$ | $18 + 2$ | $12 + 2$ | $15 + 2$ |
| $3 + 2$ | $6 + 2$ | $10 + 1$ | $13 + 1$ | $16 + 1$ |
| $13 + 2$ | $16 + 2$ | $10 + 2$ | $13 + 2$ | $16 + 2$ |
| 11) $17 + 1$ | 12) $13 + 2$ | 13) $15 + 2$ | 14) $14 + 2$ | 15) $17 + 1$ |
| $17 + 2$ | $17 + 2$ | $11 + 2$ | $16 + 2$ | $15 + 2$ |
| $18 + 1$ | $15 + 1$ | $17 + 2$ | $10 + 2$ | $13 + 2$ |
| $18 + 2$ | $12 + 1$ | $13 + 2$ | $13 + 2$ | $15 + 1$ |
| $19 + 1$ | $10 + 2$ | $18 + 2$ | $13 + 1$ | $11 + 2$ |
| $15 + 2$ | $18 + 2$ | $12 + 2$ | $19 + 1$ | $14 + 1$ |



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



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


 $1 + 3 = \square$


 $11 + 3 = \square$

- | | | | | |
|------------|------------|------------|-------------|-------------|
| 1) $1 + 3$ | 2) $4 + 3$ | 3) $7 + 3$ | 4) $13 + 3$ | 5) $11 + 1$ |
| $11 + 3$ | $14 + 3$ | $17 + 3$ | $15 + 3$ | $11 + 2$ |
| $2 + 3$ | $5 + 3$ | $10 + 3$ | $17 + 3$ | $11 + 3$ |
| $12 + 3$ | $15 + 3$ | $12 + 3$ | $11 + 3$ | $14 + 1$ |
| $3 + 3$ | $6 + 3$ | $11 + 3$ | $16 + 3$ | $14 + 2$ |
| $13 + 3$ | $16 + 3$ | $14 + 3$ | $10 + 3$ | $14 + 3$ |


 $11 + 4 = \square$

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|--------------|--------------|--------------|--------------|--------------|
| 6) $1 + 4$ | 7) $4 + 4$ | 8) $10 + 4$ | 9) $10 + 1$ | 10) $11 + 3$ |
| $11 + 4$ | $14 + 4$ | $13 + 4$ | $10 + 2$ | $11 + 4$ |
| $2 + 4$ | $5 + 4$ | $15 + 4$ | $10 + 3$ | $12 + 1$ |
| $12 + 4$ | $15 + 4$ | $12 + 4$ | $10 + 4$ | $12 + 2$ |
| $3 + 4$ | $6 + 4$ | $16 + 4$ | $11 + 1$ | $12 + 3$ |
| $13 + 4$ | $16 + 4$ | $11 + 4$ | $11 + 2$ | $12 + 4$ |
| 11) $13 + 1$ | 12) $14 + 3$ | 13) $16 + 1$ | 14) $17 + 3$ | 15) $17 + 1$ |
| $13 + 2$ | $14 + 4$ | $16 + 2$ | $18 + 1$ | $15 + 3$ |
| $13 + 3$ | $15 + 1$ | $16 + 3$ | $18 + 2$ | $16 + 2$ |
| $13 + 4$ | $15 + 2$ | $16 + 4$ | $19 + 1$ | $12 + 4$ |
| $14 + 1$ | $15 + 3$ | $17 + 1$ | $10 + 4$ | $18 + 2$ |
| $14 + 2$ | $15 + 4$ | $17 + 2$ | $13 + 4$ | $11 + 4$ |



$13 - 3 = \square$

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



$14 - 4 = \square$

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



- | | | | | |
|-------------|-------------|-------------|-------------|--------------|
| 1) $1 + 5$ | 2) $4 + 5$ | 3) $13 + 5$ | 4) $11 + 1$ | 5) $12 + 4$ |
| $11 + 5$ | $14 + 5$ | $15 + 5$ | $11 + 2$ | $12 + 3$ |
| $2 + 5$ | $5 + 5$ | $12 + 5$ | $11 + 3$ | $12 + 2$ |
| $12 + 5$ | $15 + 5$ | $14 + 5$ | $11 + 4$ | $12 + 1$ |
| $3 + 5$ | $10 + 5$ | $10 + 5$ | $11 + 5$ | $13 + 1$ |
| $13 + 5$ | $11 + 5$ | $11 + 5$ | $12 + 5$ | $13 + 2$ |
| 6) $13 + 3$ | 7) $14 + 2$ | 8) $15 + 5$ | 9) $17 + 2$ | 10) $10 + 3$ |
| $13 + 4$ | $14 + 1$ | $16 + 1$ | $17 + 1$ | $13 + 5$ |
| $13 + 5$ | $15 + 1$ | $16 + 2$ | $18 + 1$ | $18 + 2$ |
| $14 + 5$ | $15 + 2$ | $16 + 3$ | $18 + 2$ | $15 + 4$ |
| $14 + 4$ | $15 + 3$ | $16 + 4$ | $19 + 1$ | $12 + 5$ |
| $14 + 3$ | $15 + 4$ | $17 + 3$ | $15 + 2$ | $11 + 3$ |



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|--------------|--------------|--------------|--------------|--------------|
| 11) $1 + 6$ | 12) $4 + 6$ | 13) $10 + 6$ | 14) $11 + 1$ | 15) $12 + 1$ |
| $11 + 6$ | $14 + 6$ | $10 + 5$ | $11 + 2$ | $12 + 2$ |
| $2 + 6$ | $10 + 6$ | $10 + 4$ | $11 + 3$ | $12 + 3$ |
| $12 + 6$ | $11 + 6$ | $10 + 3$ | $11 + 4$ | $12 + 4$ |
| $3 + 6$ | $12 + 6$ | $10 + 2$ | $11 + 5$ | $12 + 5$ |
| $13 + 6$ | $13 + 6$ | $10 + 1$ | $11 + 6$ | $12 + 6$ |
| 16) $13 + 1$ | 17) $14 + 1$ | 18) $19 + 1$ | 19) $17 + 3$ | 20) $15 + 2$ |
| $13 + 2$ | $14 + 2$ | $18 + 2$ | $15 + 4$ | $12 + 5$ |
| $13 + 3$ | $14 + 3$ | $17 + 3$ | $19 + 1$ | $17 + 1$ |
| $13 + 4$ | $14 + 4$ | $16 + 4$ | $13 + 5$ | $11 + 6$ |
| $13 + 5$ | $14 + 5$ | $15 + 5$ | $11 + 6$ | $10 + 4$ |
| $13 + 6$ | $14 + 6$ | $14 + 6$ | $10 + 3$ | $16 + 3$ |



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|------------|------------|-------------|-------------|-------------|
| 1) $5 - 5$ | 2) $8 - 5$ | 3) $20 - 5$ | 4) $19 - 4$ | 5) $18 - 3$ |
| $15 - 5$ | $18 - 5$ | $20 - 4$ | $19 - 3$ | $18 - 4$ |
| $6 - 5$ | $9 - 5$ | $20 - 3$ | $19 - 2$ | $18 - 5$ |
| $16 - 5$ | $19 - 5$ | $20 - 2$ | $19 - 1$ | $17 - 5$ |
| $7 - 5$ | $10 - 5$ | $20 - 1$ | $18 - 1$ | $17 - 4$ |
| $17 - 5$ | $20 - 5$ | $19 - 5$ | $18 - 2$ | $17 - 3$ |

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



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


 $1 + 7 = \square$


 $11 + 7 = \square$

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|------------|------------|-------------|-------------|-------------|
| 1) $7 + 1$ | 2) $7 + 3$ | 3) $12 + 7$ | 4) $10 + 3$ | 5) $11 + 4$ |
| $1 + 7$ | $3 + 7$ | $11 + 7$ | $10 + 2$ | $11 + 5$ |
| $11 + 7$ | $13 + 7$ | $10 + 7$ | $10 + 1$ | $11 + 6$ |
| $7 + 2$ | $11 + 7$ | $10 + 6$ | $11 + 1$ | $11 + 7$ |
| $2 + 7$ | $12 + 7$ | $10 + 5$ | $11 + 2$ | $12 + 7$ |
| $12 + 7$ | $13 + 7$ | $10 + 4$ | $11 + 3$ | $13 + 7$ |


 $11 + 8 = \square$

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|-------------|--------------|--------------|--------------|--------------|
| 6) $8 + 1$ | 7) $10 + 8$ | 8) $10 + 1$ | 9) $10 + 7$ | 10) $11 + 4$ |
| $1 + 8$ | $11 + 8$ | $10 + 2$ | $10 + 8$ | $11 + 3$ |
| $11 + 8$ | $12 + 8$ | $10 + 3$ | $11 + 8$ | $11 + 2$ |
| $8 + 2$ | $14 + 6$ | $10 + 4$ | $11 + 7$ | $11 + 1$ |
| $2 + 8$ | $13 + 7$ | $10 + 5$ | $11 + 6$ | $12 + 8$ |
| $12 + 8$ | $12 + 7$ | $10 + 6$ | $11 + 5$ | $12 + 7$ |
| 11) $9 + 1$ | 12) $11 + 7$ | 13) $11 + 9$ | 14) $17 + 2$ | 15) $11 + 8$ |
| $1 + 9$ | $11 + 6$ | $12 + 8$ | $15 + 3$ | $18 + 1$ |
| $11 + 9$ | $11 + 5$ | $13 + 7$ | $18 + 1$ | $10 + 9$ |
| $10 + 9$ | $11 + 4$ | $14 + 6$ | $16 + 3$ | $12 + 7$ |
| $11 + 9$ | $11 + 3$ | $15 + 5$ | $19 + 1$ | $14 + 4$ |
| $11 + 8$ | $11 + 2$ | $16 + 4$ | $14 + 5$ | $16 + 3$ |



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|---|--|--|--|---|
| 1) $\begin{array}{r} 7-7 \\ 17-7 \\ 8-7 \\ 18-7 \\ 9-7 \\ 19-7 \end{array}$ | 2) $\begin{array}{r} 10-7 \\ 20-7 \\ 8-5 \\ 9-6 \\ 10-4 \\ 17-6 \end{array}$ | 3) $\begin{array}{r} 18-7 \\ 19-5 \\ 20-4 \\ 7-7 \\ 9-6 \\ 18-4 \end{array}$ | 4) $\begin{array}{r} 17-7 \\ 18-5 \\ 16-4 \\ 10-6 \\ 19-7 \\ 20-5 \end{array}$ | 5) $\begin{array}{r} 18-7 \\ 9-5 \\ 10-4 \\ 19-7 \\ 7-5 \\ 8-7 \end{array}$ |
|---|--|--|--|---|



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|--|--|---|---|---|
| 6) $\begin{array}{r} 8-8 \\ 18-8 \\ 9-8 \\ 19-8 \\ 10-8 \\ 20-8 \end{array}$ | 7) $\begin{array}{r} 10-8 \\ 18-7 \\ 20-8 \\ 9-7 \\ 8-8 \\ 10-7 \end{array}$ | 8) $\begin{array}{r} 19-8 \\ 18-7 \\ 20-8 \\ 10-9 \\ 9-8 \\ 10-8 \end{array}$ | 9) $\begin{array}{r} 19-7 \\ 18-8 \\ 20-8 \\ 8-7 \\ 19-8 \\ 20-7 \end{array}$ | 10) $\begin{array}{r} 8-7 \\ 9-8 \\ 18-8 \\ 19-7 \\ 20-8 \\ 15-4 \end{array}$ |
|--|--|---|---|---|



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|--|--|---|---|--|
| 11) $\begin{array}{r} 9-9 \\ 19-9 \\ 10-9 \\ 20-9 \\ 19-8 \\ 19-7 \end{array}$ | 12) $\begin{array}{r} 10-9 \\ 9-9 \\ 20-9 \\ 20-8 \\ 20-7 \\ 20-6 \end{array}$ | 13) $\begin{array}{r} 20-5 \\ 20-4 \\ 20-3 \\ 20-2 \\ 20-1 \\ 19-1 \end{array}$ | 14) $\begin{array}{r} 18-8 \\ 19-7 \\ 20-9 \\ 10-8 \\ 18-7 \\ 19-8 \end{array}$ | 15) $\begin{array}{r} 19-9 \\ 18-8 \\ 17-7 \\ 10-9 \\ 20-8 \\ 9-9 \end{array}$ |
|--|--|---|---|--|



1) $10 + 3 + 4$
 $10 + 6 + 3$
 $10 + 1 + 2$
 $10 + 4 + 3$
 $10 + 3 + 3$
 $10 + 2 + 6$

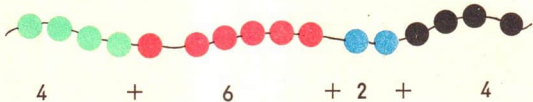
2) $11 + 2 + 3$
 $11 + 5 + 2$
 $11 + 3 + 5$
 $11 + 4 + 4$
 $11 + 6 + 2$
 $11 + 1 + 7$

3) $13 + 3 + 4$
 $15 + 2 + 2$
 $11 + 5 + 3$
 $14 + 1 + 2$
 $12 + 4 + 3$
 $16 + 1 + 2$

4) $5 + 5 + 3$
 $5 + 5 + 4$
 $5 + 5 + 9$
 $5 + 5 + 7$
 $5 + 5 + 6$
 $5 + 5 + 8$

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

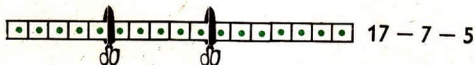
6) $9 + 1 + 3$
 $8 + 2 + 7$
 $5 + 5 + 6$
 $6 + 4 + 5$
 $4 + 6 + 8$
 $2 + 8 + 2$



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

8) $4 + 6 + 2 + 2$
 $6 + 4 + 8 + 1$
 $5 + 5 + 2 + 7$
 $3 + 7 + 3 + 1$
 $2 + 8 + 4 + 4$
 $7 + 3 + 2 + 5$

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



1) 20 - 2 - 2
 20 - 3 - 1
 20 - 1 - 2
 20 - 5 - 5
 20 - 4 - 1
 20 - 3 - 2

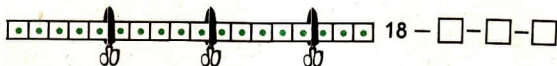
2) 18 - 2 - 2
 13 - 1 - 1
 19 - 4 - 2
 15 - 1 - 3
 17 - 2 - 4
 16 - 4 - 1

3) 17 - 2 - 1
 14 - 1 - 1
 19 - 4 - 2
 15 - 1 - 2
 18 - 5 - 2
 16 - 4 - 1

4) 17 - 7 - 3
 14 - 4 - 4
 13 - 3 - 5
 18 - 8 - 2
 16 - 6 - 4
 15 - 5 - 6

5) 13 - 3 - 5
 15 - 5 - 6
 12 - 2 - 4
 11 - 1 - 8
 18 - 8 - 2
 14 - 4 - 5

6) 13 - 3 - 2
 15 - 5 - 7
 12 - 2 - 3
 14 - 4 - 8
 11 - 1 - 5
 16 - 6 - 4



7) 18 - 3 - 5 - 2
 20 - 7 - 3 - 4
 15 - 2 - 3 - 6
 17 - 2 - 5 - 8
 19 - 4 - 5 - 3
 16 - 2 - 4 - 6

8) 19 - 2 - 7 - 4
 16 - 3 - 3 - 3
 14 - 1 - 3 - 5
 18 - 4 - 4 - 3
 20 - 6 - 4 - 2
 17 - 3 - 4 - 4

9) 18 - 5 - 3 - 7
 14 - 1 - 3 - 8
 15 - 3 - 2 - 5
 19 - 4 - 5 - 3
 13 - 1 - 2 - 3
 17 - 7 - 5 - 2



$$20 = 11 + \square$$



$$20 = 11 + 9$$

- 1) $20 = 19 + \square$
 $20 = 18 + \square$
 $20 = 17 + \square$
 $20 = 16 + \square$
 $20 = 15 + \square$
 $20 = 14 + \square$

- 2) $20 = 13 + \square$
 $20 = 12 + \square$
 $20 = 11 + \square$
 $20 = 10 + \square$
 $20 = 14 + \square$
 $20 = 18 + \square$

- 3) $19 = 18 + \square$
 $19 = 17 + \square$
 $19 = 16 + \square$
 $19 = 15 + \square$
 $19 = 14 + \square$
 $19 = 13 + \square$

- 4) $18 = 15 + \square$
 $18 = 11 + \square$
 $18 = 17 + \square$
 $18 = 14 + \square$
 $18 = 16 + \square$
 $18 = 10 + \square$

- 5) $16 = 14 + \square$
 $14 = 12 + \square$
 $18 = 15 + \square$
 $19 = 13 + \square$
 $12 = 10 + \square$
 $13 = 11 + \square$

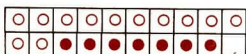
- 6) $19 = 15 + \square$
 $18 = 14 + \square$
 $15 = 11 + \square$
 $17 = 12 + \square$
 $18 = 15 + \square$
 $20 = 16 + \square$



$$12 = 11 + 1$$



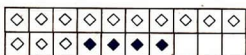
$$16 = 13 + \square$$



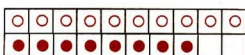
$$19 = 12 + \square$$



$$14 = 12 + \square$$



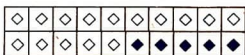
$$\square = \square + \square$$



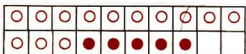
$$\square = \square + \square$$



$$\square = \square + \square$$



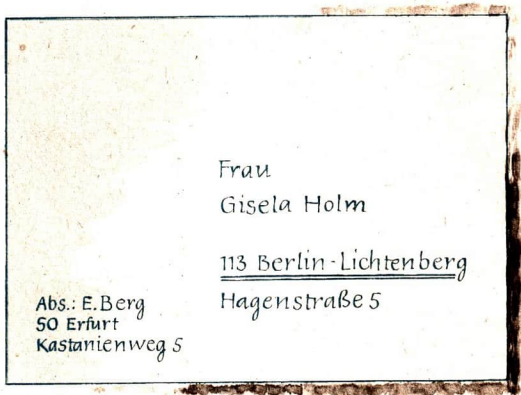
$$\square = \square + \square$$



$$\square = \square + \square$$



$$\square = \square + \square$$



$$\begin{aligned} & \boxed{20} \\ 20 &= \boxed{10} + \square \\ 20 &= \boxed{15} + \square \\ 20 &= \boxed{10} + \boxed{5} + \square \\ 20 &= \boxed{5} + \boxed{5} + \boxed{5} + \square \end{aligned}$$

1) $20 = 19 + \square$
 $20 = 11 + \square$
 $20 = 18 + \square$
 $20 = 12 + \square$
 $20 = 17 + \square$
 $20 = 13 + \square$

2) $20 = 16 + \square$
 $20 = 14 + \square$
 $20 = 15 + \square$
 $20 = 10 + \square$
 $20 = 16 + \square$
 $20 = 12 + \square$

3) $19 = 18 + \square$
 $19 = 11 + \square$
 $19 = 17 + \square$
 $19 = 12 + \square$
 $19 = 16 + \square$
 $19 = 13 + \square$

4) $18 = 17 + \square$
 $18 = 11 + \square$
 $18 = 16 + \square$
 $18 = 12 + \square$
 $18 = 15 + \square$
 $18 = 14 + \square$

5) $17 = 16 + \square$
 $17 = 14 + \square$
 $17 = 12 + \square$
 $17 = 11 + \square$
 $17 = 15 + \square$
 $17 = 13 + \square$

6) $16 = 11 + \square$
 $16 = 13 + \square$
 $16 = 15 + \square$
 $16 = 10 + \square$
 $16 = 12 + \square$
 $16 = 14 + \square$

7) $15 = 12 + \square$
 $15 = 13 + \square$
 $15 = 11 + \square$
 $15 = 14 + \square$
 $15 = 10 + \square$
 $20 = 15 + \square$

8) $14 = 11 + \square$
 $14 = 13 + \square$
 $14 = 10 + \square$
 $14 = 12 + \square$
 $13 = 10 + \square$
 $13 = 12 + \square$

9) $13 = 11 + \square$
 $12 = 11 + \square$
 $12 = 10 + \square$
 $11 = 10 + \square$
 $17 = 11 + \square$
 $19 = 11 + \square$

10) $13 = 11 + \square$
 $18 = 11 + \square$
 $15 = 11 + \square$
 $14 = 11 + \square$
 $12 = 11 + \square$
 $16 = 11 + \square$

11) $17 = 12 + \square$
 $16 = 12 + \square$
 $15 = 12 + \square$
 $14 = 12 + \square$
 $18 = 12 + \square$
 $20 = 12 + \square$

12) $13 = 10 + \square$
 $18 = 12 + \square$
 $15 = 11 + \square$
 $12 = 10 + \square$
 $16 = 12 + \square$
 $19 = 15 + \square$

13) $20 = 10 + 5 + \square$
 $18 = 12 + 2 + \square$
 $12 = 10 + 1 + \square$
 $16 = 11 + 3 + \square$
 $13 = 10 + 1 + \square$
 $19 = 11 + 5 + \square$

14) $17 = 10 + 5 + \square$
 $19 = 11 + 4 + \square$
 $14 = 10 + 2 + \square$
 $15 = 12 + 1 + \square$
 $16 = 12 + 2 + \square$
 $18 = 13 + 3 + \square$



$$10 + \square = 13$$

$$13 - \square = 10$$

- 1) $10 + \square = 11$
 $10 + \square = 12$
 $10 + \square = 13$
 $10 + \square = 14$
 $10 + \square = 15$
 $10 + \square = 16$

- 2) $10 + \square = 17$
 $10 + \square = 18$
 $10 + \square = 19$
 $10 + \square = 20$
 $10 + \square = 15$
 $10 + \square = 13$

- 3) $10 + \square = 14$
 $10 + \square = 17$
 $10 + \square = 19$
 $10 + \square = 13$
 $10 + \square = 11$
 $10 + \square = 16$

- 4) $11 - \square = 10$
 $12 - \square = 10$
 $13 - \square = 10$
 $14 - \square = 10$
 $15 - \square = 10$
 $16 - \square = 10$

- 5) $17 - \square = 10$
 $18 - \square = 10$
 $19 - \square = 10$
 $20 - \square = 10$
 $15 - \square = 10$
 $13 - \square = 10$

- 6) $18 - \square = 10$
 $14 - \square = 10$
 $16 - \square = 10$
 $17 - \square = 10$
 $19 - \square = 10$
 $11 - \square = 10$



$$18 + \square = 20$$

$$20 - \square = 18$$

- 7) $19 + \square = 20$
 $18 + \square = 20$
 $17 + \square = 20$
 $16 + \square = 20$
 $15 + \square = 20$
 $14 + \square = 20$

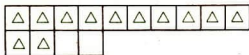
- 8) $13 + \square = 20$
 $12 + \square = 20$
 $11 + \square = 20$
 $10 + \square = 20$
 $16 + \square = 20$
 $15 + \square = 20$

- 9) $12 + \square = 20$
 $17 + \square = 20$
 $15 + \square = 20$
 $18 + \square = 20$
 $16 + \square = 20$
 $11 + \square = 20$

- 10) $20 - \square = 19$
 $20 - \square = 18$
 $20 - \square = 17$
 $20 - \square = 16$
 $20 - \square = 15$
 $20 - \square = 14$

- 11) $20 - \square = 13$
 $20 - \square = 12$
 $20 - \square = 11$
 $20 - \square = 10$
 $20 - \square = 10$
 $20 - \square = 17$
 $20 - \square = 15$

- 12) $20 - \square = 18$
 $20 - \square = 12$
 $20 - \square = 16$
 $20 - \square = 13$
 $20 - \square = 11$
 $20 - \square = 15$



$$12 + \square = 14$$

$$14 - \square = 12$$



$$18 + \square = 20$$

$$20 - \square = 18$$



$$11 + \square = 15$$

$$15 - \square = 11$$



$$12 + \square = 19$$

$$19 - \square = 12$$



$$15 + \square = 20$$

$$20 - \square = 15$$



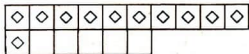
$$13 + \square = 17$$

$$17 - \square = 13$$



$$13 + \square = 19$$

$$19 - \square = 13$$



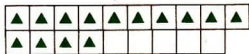
$$11 + \square = 16$$

$$16 - \square = 11$$



$$11 + \square = 17$$

$$17 - \square = 11$$



$$14 + \square = 19$$

$$19 - \square = 14$$

| | | |
|------------------------|------------------------|------------------------|
| 1) $15 + \square = 20$ | 2) $13 + \square = 19$ | 3) $12 + \square = 18$ |
| $18 + \square = 20$ | $17 + \square = 19$ | $16 + \square = 18$ |
| $17 + \square = 20$ | $15 + \square = 19$ | $10 + \square = 18$ |
| $19 + \square = 20$ | $14 + \square = 19$ | $11 + \square = 18$ |
| $14 + \square = 20$ | $12 + \square = 19$ | $13 + \square = 18$ |
| $16 + \square = 20$ | $16 + \square = 19$ | $15 + \square = 18$ |

| | | |
|------------------------|------------------------|------------------------|
| 4) $11 + \square = 17$ | 5) $15 + \square = 16$ | 6) $10 + \square = 15$ |
| $13 + \square = 17$ | $11 + \square = 16$ | $13 + \square = 15$ |
| $15 + \square = 17$ | $13 + \square = 16$ | $14 + \square = 15$ |
| $10 + \square = 17$ | $10 + \square = 16$ | $11 + \square = 15$ |
| $12 + \square = 17$ | $12 + \square = 16$ | $12 + \square = 15$ |
| $14 + \square = 17$ | $14 + \square = 16$ | $11 + \square = 14$ |

| | | |
|------------------------|------------------------|------------------------|
| 7) $20 - \square = 12$ | 8) $19 - \square = 13$ | 9) $18 - \square = 15$ |
| $20 - \square = 18$ | $19 - \square = 18$ | $18 - \square = 11$ |
| $20 - \square = 15$ | $19 - \square = 14$ | $18 - \square = 13$ |
| $20 - \square = 17$ | $19 - \square = 15$ | $18 - \square = 10$ |
| $20 - \square = 11$ | $19 - \square = 12$ | $18 - \square = 12$ |
| $20 - \square = 10$ | $19 - \square = 10$ | $18 - \square = 14$ |

| | | |
|-------------------------|-------------------------|-------------------------|
| 10) $17 - \square = 11$ | 11) $16 - \square = 10$ | 12) $15 - \square = 13$ |
| $17 - \square = 13$ | $16 - \square = 13$ | $15 - \square = 11$ |
| $17 - \square = 16$ | $16 - \square = 14$ | $15 - \square = 14$ |
| $17 - \square = 15$ | $16 - \square = 15$ | $14 - \square = 10$ |
| $17 - \square = 10$ | $16 - \square = 12$ | $14 - \square = 12$ |
| $17 - \square = 12$ | $16 - \square = 11$ | $14 - \square = 11$ |

13) $20 - 1 - \square = 17$
 $20 - 5 - \square = 12$
 $20 - 3 - \square = 15$
 $20 - 2 - \square = 16$
 $20 - 4 - \square = 12$
 $20 - 3 - \square = 13$

14) $19 - 2 - \square = 15$
 $19 - 4 - \square = 12$
 $19 - 3 - \square = 11$
 $19 - 5 - \square = 13$
 $19 - 1 - \square = 16$
 $19 - 3 - \square = 12$

Das können wir schon

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

| | | | |
|----------------------|-----------------------|----------------------|----------------------|
| 1) $3 + \square = 7$ | 2) $4 + \square = 10$ | 3) $2 + \square = 5$ | 4) $6 + \square = 7$ |
| $5 + \square = 9$ | $8 + \square = 10$ | $8 + \square = 9$ | $2 + \square = 9$ |
| $6 + \square = 8$ | $7 + \square = 10$ | $5 + \square = 8$ | $5 + \square = 6$ |
| $1 + \square = 6$ | $9 + \square = 10$ | $6 + \square = 9$ | $6 + \square = 9$ |
| $2 + \square = 4$ | $6 + \square = 10$ | $4 + \square = 6$ | $1 + \square = 5$ |
| $7 + \square = 8$ | $5 + \square = 10$ | $7 + \square = 10$ | $4 + \square = 7$ |

| | | | |
|------------------------|------------------------|------------------------|------------------------|
| 5) $16 + \square = 20$ | 6) $16 + \square = 19$ | 7) $11 + \square = 14$ | 8) $10 + \square = 15$ |
| $11 + \square = 20$ | $18 + \square = 19$ | $13 + \square = 17$ | $15 + \square = 17$ |
| $13 + \square = 20$ | $11 + \square = 17$ | $15 + \square = 18$ | $11 + \square = 19$ |
| $17 + \square = 20$ | $13 + \square = 16$ | $16 + \square = 17$ | $13 + \square = 18$ |
| $14 + \square = 20$ | $14 + \square = 18$ | $12 + \square = 19$ | $12 + \square = 16$ |
| $12 + \square = 20$ | $12 + \square = 15$ | $14 + \square = 16$ | $14 + \square = 17$ |

| | | | |
|----------------------|-----------------------|-----------------------|------------------------|
| 9) $8 - \square = 4$ | 10) $9 - \square = 4$ | 11) $4 - \square = 1$ | 12) $10 - \square = 5$ |
| $5 - \square = 2$ | $5 - \square = 3$ | $7 - \square = 4$ | $10 - \square = 8$ |
| $4 - \square = 2$ | $7 - \square = 1$ | $5 - \square = 1$ | $10 - \square = 4$ |
| $3 - \square = 1$ | $3 - \square = 2$ | $8 - \square = 5$ | $10 - \square = 3$ |
| $6 - \square = 2$ | $8 - \square = 2$ | $4 - \square = 3$ | $10 - \square = 9$ |
| $9 - \square = 5$ | $6 - \square = 4$ | $7 - \square = 3$ | $10 - \square = 7$ |

| | | | |
|-------------------------|-------------------------|-------------------------|-------------------------|
| 13) $15 - \square = 10$ | 14) $18 - \square = 16$ | 15) $19 - \square = 13$ | 16) $20 - \square = 18$ |
| $17 - \square = 10$ | $15 - \square = 11$ | $14 - \square = 11$ | $20 - \square = 15$ |
| $13 - \square = 10$ | $16 - \square = 13$ | $17 - \square = 12$ | $20 - \square = 17$ |
| $18 - \square = 10$ | $14 - \square = 12$ | $15 - \square = 13$ | $20 - \square = 13$ |
| $11 - \square = 10$ | $19 - \square = 15$ | $18 - \square = 15$ | $20 - \square = 16$ |
| $12 - \square = 10$ | $20 - \square = 17$ | $16 - \square = 11$ | $20 - \square = 12$ |

| | | | |
|-----------------------|-----------------------|-------------------------|-------------------------|
| 17) $3 + \square = 9$ | 18) $7 - \square = 5$ | 19) $12 + \square = 15$ | 20) $20 - \square = 13$ |
| $8 - \square = 3$ | $2 + \square = 6$ | $16 - \square = 13$ | $10 + \square = 13$ |
| $7 + \square = 9$ | $5 - \square = 1$ | $11 + \square = 18$ | $20 - \square = 17$ |
| $9 - \square = 2$ | $5 + \square = 9$ | $18 - \square = 12$ | $10 + \square = 17$ |
| $4 + \square = 8$ | $6 - \square = 2$ | $15 + \square = 19$ | $20 - \square = 14$ |
| $8 - \square = 5$ | $3 + \square = 5$ | $17 - \square = 11$ | $10 + \square = 14$ |

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| 1) $5 = 3 + \square$ | 2) $9 = 5 + \square$ | 3) $8 = 6 + \square$ | 4) $9 = 2 + \square$ |
| $6 = 3 + \square$ | $8 = 5 + \square$ | $4 = 2 + \square$ | $9 = 4 + \square$ |
| $8 = 3 + \square$ | $7 = 5 + \square$ | $7 = 4 + \square$ | $9 = 3 + \square$ |
| $4 = 3 + \square$ | $10 = 5 + \square$ | $9 = 1 + \square$ | $8 = 4 + \square$ |
| $9 = 3 + \square$ | $6 = 5 + \square$ | $6 = 2 + \square$ | $8 = 7 + \square$ |
| $7 = 3 + \square$ | $8 = 5 + \square$ | $2 = 1 + \square$ | $8 = 5 + \square$ |

| | | | |
|-----------------------|------------------------|------------------------|------------------------|
| 5) $10 = 2 + \square$ | 6) $12 = 10 + \square$ | 7) $13 = 12 + \square$ | 8) $20 = 19 + \square$ |
| $10 = 4 + \square$ | $14 = 10 + \square$ | $14 = 11 + \square$ | $20 = 15 + \square$ |
| $10 = 1 + \square$ | $15 = 10 + \square$ | $20 = 10 + \square$ | $20 = 10 + \square$ |
| $10 = 3 + \square$ | $11 = 10 + \square$ | $17 = 15 + \square$ | $20 = 17 + \square$ |
| $10 = 8 + \square$ | $19 = 10 + \square$ | $14 = 13 + \square$ | $20 = 11 + \square$ |
| $10 = 6 + \square$ | $16 = 10 + \square$ | $18 = 11 + \square$ | $20 = 16 + \square$ |

| | | | |
|----------------|------------------|------------------|------------------|
| 9) $3 + 3 + 3$ | 10) $10 + 2 + 3$ | 11) $11 + 6 + 2$ | 12) $15 + 2 - 1$ |
| $2 + 2 + 2$ | $10 + 4 + 3$ | $12 + 3 + 5$ | $16 + 3 - 1$ |
| $5 + 5 + 5$ | $10 + 6 + 1$ | $11 + 7 + 1$ | $12 + 4 - 2$ |
| $4 + 4 + 2$ | $10 + 8 + 1$ | $14 + 1 + 2$ | $13 + 3 - 2$ |
| $1 + 1 + 8$ | $10 + 7 + 2$ | $15 + 2 + 2$ | $14 + 3 - 2$ |
| $6 + 4 + 6$ | $10 + 5 + 4$ | $13 + 4 + 1$ | $11 + 5 - 1$ |

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

| | | |
|-----------------------------|-----------------------------|-----------------------------|
| 17) $16 = 10 + 2 + \square$ | 18) $19 = 14 + 1 + \square$ | 19) $20 = 13 + 2 + \square$ |
| $17 = 10 + 4 + \square$ | $15 = 11 + 1 + \square$ | $20 = 10 + 4 + \square$ |
| $19 = 10 + 6 + \square$ | $20 = 15 + 1 + \square$ | $20 = 15 + 3 + \square$ |
| $15 = 10 + 3 + \square$ | $16 = 11 + 1 + \square$ | $20 = 11 + 6 + \square$ |
| $18 = 10 + 5 + \square$ | $18 = 16 + 1 + \square$ | $20 = 14 + 3 + \square$ |
| $14 = 10 + 1 + \square$ | $13 = 11 + 1 + \square$ | $20 = 12 + 5 + \square$ |

Für den Lehrer gibt es „Methodische Hinweise für die Arbeit mit der Hilfsschulrechenfibel“, Volk und Wissen, Volkseigener Verlag, Berlin, Best.-Nr.: 0016 20

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8. Auflage

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