

# ELAVAD ARVUD I





RM



A-23282



J. KALLAK  
A. LINTS

Eesti Riiklik Kirjastus  
Tallinn 1960

Kunstiliselt kujundanud

A. VENDER

Kinnitatud Eesti NSV Haridusministeeriumi poolt

2

Tartu Riikliku Ülikooli  
Raamatukogu

50430

ARHIIVKOGU















2



2



2





3

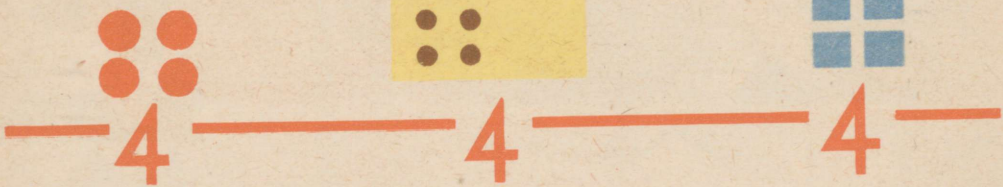
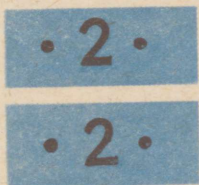


3



3







1 2 3 4 4 3 2 1

1 . . 4 4 . 2 .

. 2 . . 3 .

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5 5 5

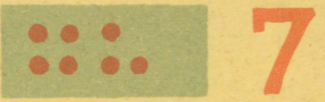
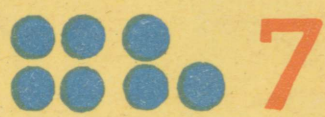


••	•••	••••	••••	••••
1	2	3	4	5
1	•	•	4	•
••••	••••	•••	••	••
5	4	3	2	1
5	•	•	2	•
•	4	•		
■	■	■		
■	■	■		
•	3	•		
•••				
•	2	•		
▲	▲	▲		
▲	▲	▲		

6

6

6

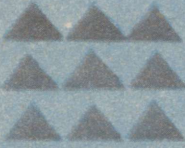






.7.  
.4.  
.6.  
.3. .5. .2.

5 . . 8    8 . . . 4 . . 1



9



9



9





1 2 3 4 5 6 7 8 9

9 8 7 6 5 4 3 2 1

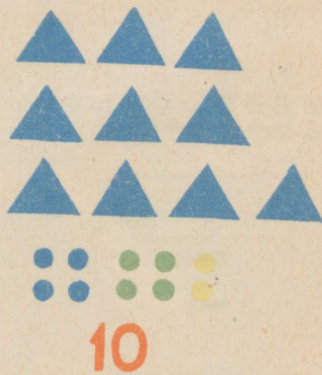
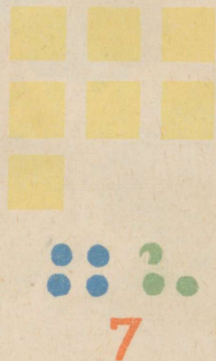
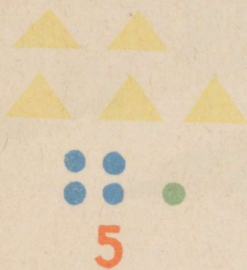
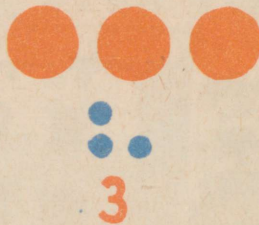
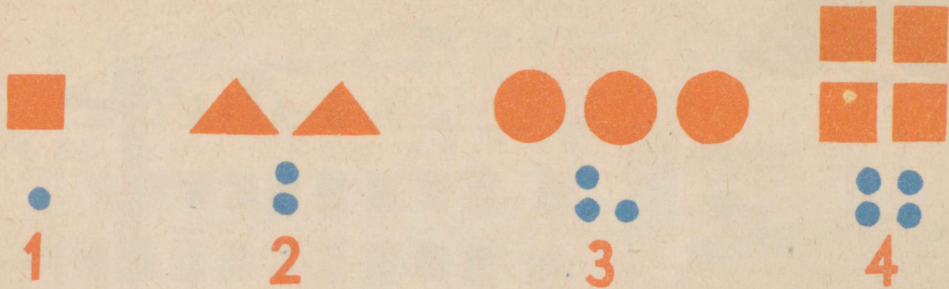
1 . . . 5 . . 8 . 9 . . 6 . . . 2 .

. 5 . . 3 . . 8 . . 2 . . 7 . . 4 . . 6 .

10

10

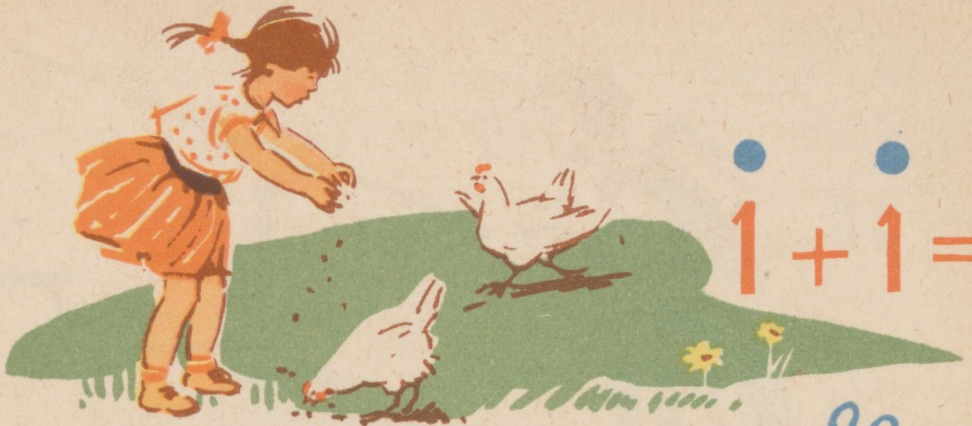
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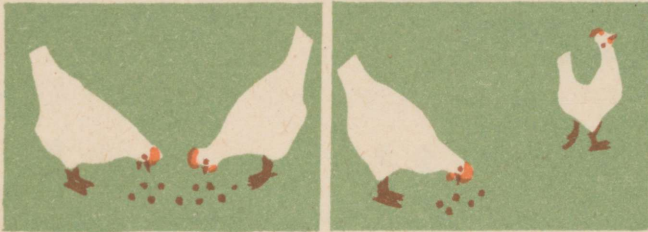


1 . . . 5 . . . 9 .  
 10 . . . . . 4 . . 1  
 . 5 . . 2 . . 8 . . 3 .  
 . 7 . . 4 . . 6 . . 9 .





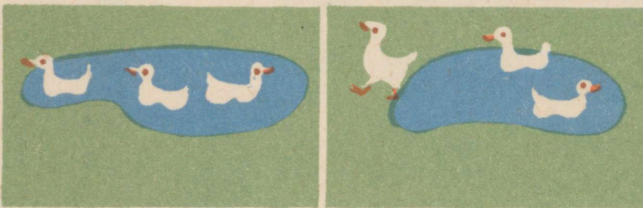
• •  
1 + 1 =



✂  
• •  
2 - 1 =




• •  
2 + 1 =



✂  
• •  
3 - 1 =




• • • •  
3 + 1 =




$$4 - 1 =$$





$$4 + 1 =$$





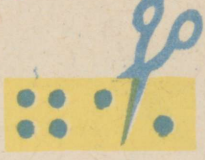
$$5 - 1 =$$





$$5 + 1 =$$

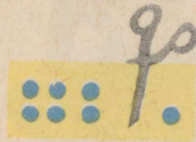




$$6 - 1 =$$



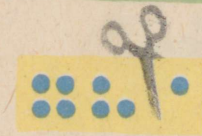
$$\begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \\ \bullet & & \bullet \end{array} \\ 6 + 1 =$$



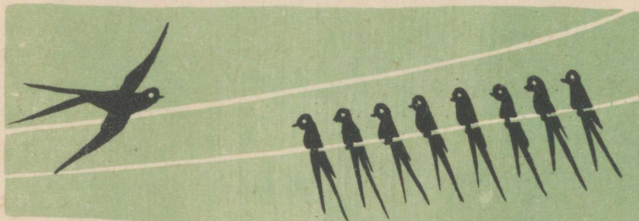
$$7 - 1 =$$



$$\begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \\ \bullet & & \bullet \end{array} \\ 7 + 1 =$$



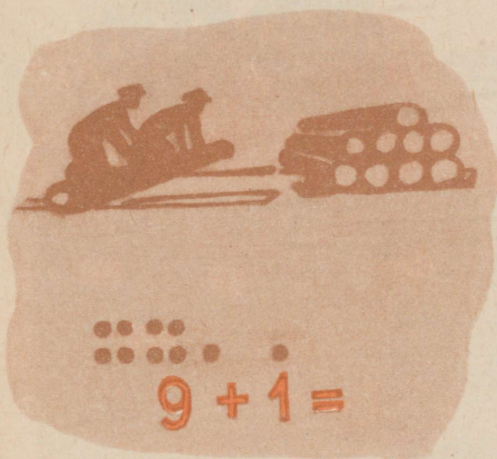
$$8 - 1 =$$



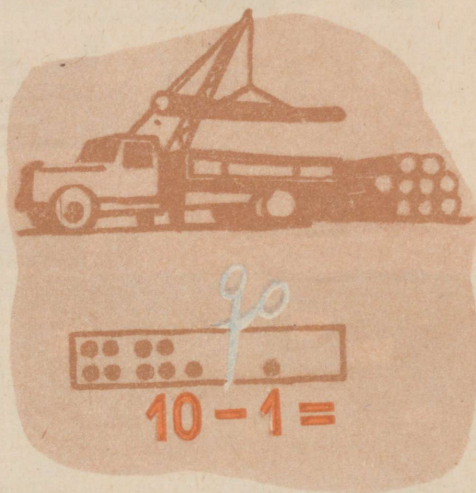
$$\begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \\ \bullet & & \bullet \end{array} \\ 8 + 1 =$$



$$9 - 1 =$$



$$9 + 1 =$$



$$10 - 1 =$$

1.  $1 + 1 =$

$2 - 1 =$

$2 + 1 =$

$3 - 1 =$

2.  $3 + 1 =$

$4 - 1 =$

$4 + 1 =$

$5 - 1 =$

3.  $5 + 1 =$

$6 - 1 =$

$6 + 1 =$

$7 - 1 =$

4.  $7 + 1 =$

$8 - 1 =$

$8 + 1 =$

$9 - 1 =$

5.  $9 + 1 =$

$10 - 1 =$

$2 + 1 =$

$6 - 1 =$

6.  $5 + 1 =$

$3 - 1 =$

$7 + 1 =$

$5 - 1 =$

7.  $1 + 1 =$

$9 - 1 =$

$8 + 1 =$

$8 - 1 =$

8.  $3 + 1 =$

$2 - 1 =$

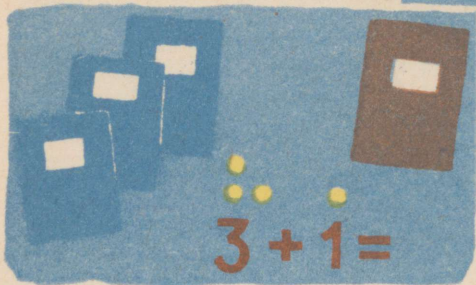
$6 + 1 =$

$4 - 1 =$

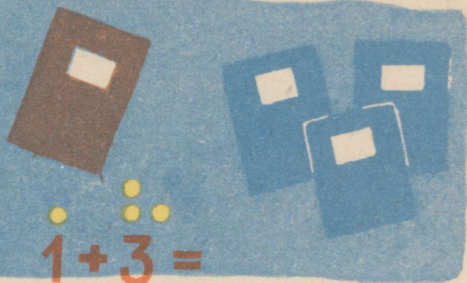
$$2 + 1 =$$



$$1 + 2 =$$



$$3 + 1 =$$



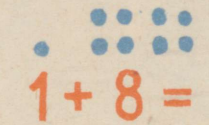
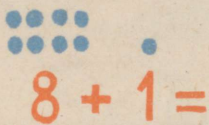
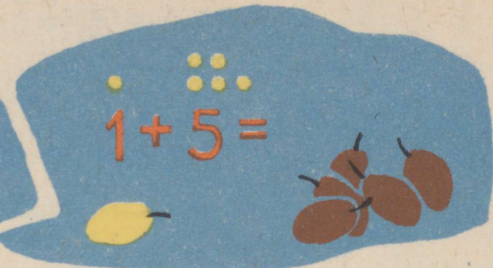
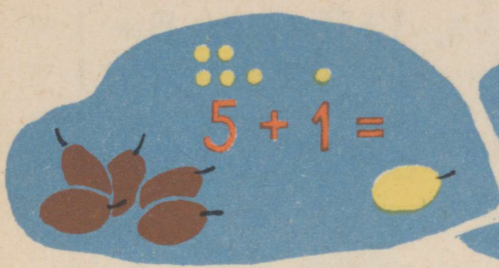
$$1 + 3 =$$



$$4 + 1 =$$



$$1 + 4 =$$

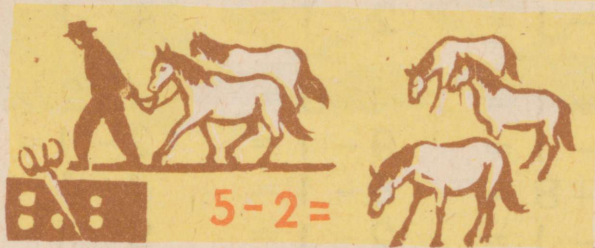
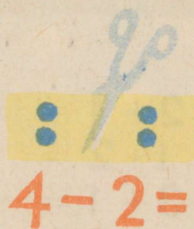
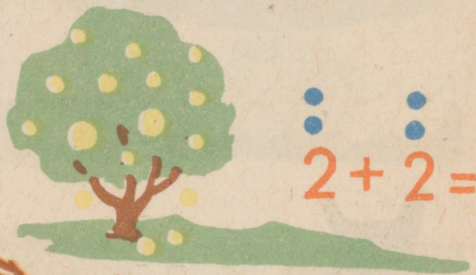


- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. $2 + 1 =$ | 2. $4 + 1 =$ | 3. $6 + 1 =$ | 4. $8 + 1 =$ |
| $1 + 2 =$    | $1 + 4 =$    | $1 + 6 =$    | $1 + 8 =$    |
| $3 + 1 =$    | $5 + 1 =$    | $7 + 1 =$    | $9 + 1 =$    |
| $1 + 3 =$    | $1 + 5 =$    | $1 + 7 =$    | $1 + 9 =$    |

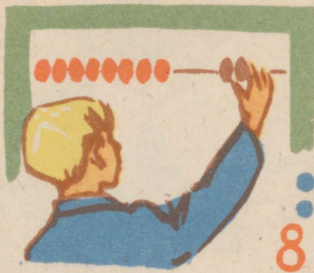
- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 5. $1 + 3 =$ | 6. $8 + 1 =$ | 7. $1 + 6 =$ | 8. $4 + 1 =$ |
| $2 - 1 =$    | $6 - 1 =$    | $9 - 1 =$    | $7 - 1 =$    |
| $1 + 6 =$    | $1 + 7 =$    | $5 + 1 =$    | $1 +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

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. $1 + 5 =$ | 2. $7 + 1 =$ | 3. $1 + 6 =$ | 4. $1 + 2 =$ |
| $8 - 1 =$    | $6 - 1 =$    | $9 - 1 =$    | $2 - 1 =$    |
| $9 + 1 =$    | $1 + 8 =$    | $5 - 1 =$    | $1 + 4 =$    |
| $5 - 1 =$    | $3 - 1 =$    | $2 - 1 =$    | $9 - 1 =$    |

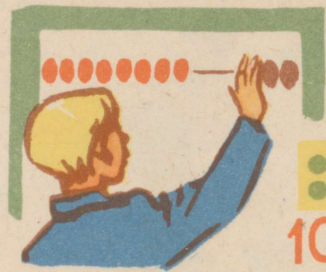
- |           |           |           |           |
|-----------|-----------|-----------|-----------|
| 1. $2+1=$ | 2. $1+7=$ | 3. $1+9=$ | 4. $6+1=$ |
| $8-1=$    | $10-1=$   | $4-1=$    | $3-1=$    |
| $9+1=$    | $1+4=$    | $1+6=$    | $1+5=$    |
| $6-1=$    | $7-1=$    | $5-1=$    | $9-1=$    |







$$8 + 2 =$$



$$10 - 2 =$$

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

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

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

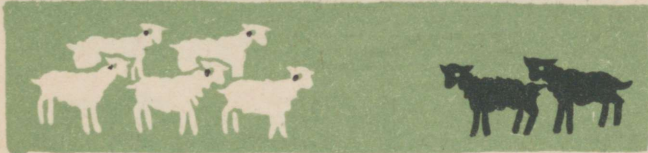
5.  $2 + 7 =$     6.  $2 + 8 =$     7.  $2 + 3 =$     8.  $2 + 6 =$   
 $5 - 2 =$      $8 - 1 =$      $5 - 1 =$      $4 - 1 =$   
 $6 + 2 =$      $5 + 2 =$      $8 + 2 =$      $3 + 2 =$   
 $4 - 2 =$      $10 - 2 =$      $9 - 1 =$      $7 - 2 =$



$$\begin{array}{c} \cdot \cdot \cdot \\ 3 \end{array} + \begin{array}{c} \cdot \\ \cdot \\ 2 \end{array} =$$



$$\begin{array}{c} \cdot \\ \cdot \\ 2 \end{array} + \begin{array}{c} \cdot \cdot \cdot \\ 3 \end{array} =$$



$$\begin{array}{c} \cdot \cdot \cdot \cdot \cdot \\ 5 \end{array} + \begin{array}{c} \cdot \\ \cdot \\ 2 \end{array} =$$



$$\begin{array}{c} \cdot \\ \cdot \\ 2 \end{array} + \begin{array}{c} \cdot \cdot \cdot \cdot \cdot \\ 5 \end{array} =$$



$$\begin{array}{c} \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \\ 8 \end{array} + \begin{array}{c} \cdot \\ \cdot \\ 2 \end{array} =$$




$$\begin{array}{c} \cdot \\ \cdot \\ 2 \end{array} + \begin{array}{c} \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \\ 8 \end{array} =$$

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. $3 + 2 =$ | 2. $5 + 2 =$ | 3. $7 + 2 =$ | 4. $5 + 2 =$ |
| $2 + 3 =$    | $2 + 5 =$    | $2 + 7 =$    | $6 - 1 =$    |
| $4 + 2 =$    | $6 + 2 =$    | $8 + 2 =$    | $1 + 5 =$    |
| $2 + 4 =$    | $2 + 6 =$    | $2 + 8 =$    | $7 - 2 =$    |


1.  $9 + 1 =$     2.  $1 + 3 =$     3.  $2 + 7 =$     4.  $3 + 2 =$   
 $8 - 1 =$      $10 - 1 =$      $3 - 2 =$      $10 - 2 =$   
 $2 + 7 =$      $2 + 2 =$      $7 + 1 =$      $1 + 9 =$   
 $5 - 2 =$      $4 - 2 =$      $5 - 1 =$      $2 - 1 =$

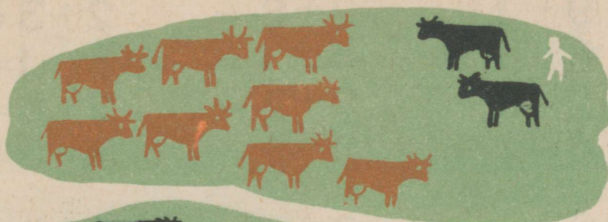
5.  $6 + 1 =$     6.  $8 + 2 =$     7.  $8 + 1 =$     8.  $2 + 6 =$   
 $9 - 1 =$      $6 - 2 =$      $7 - 1 =$      $3 - 2 =$   
 $2 + 5 =$      $1 + 7 =$      $4 + 2 =$      $2 + 8 =$   
 $9 - 2 =$      $3 - 1 =$      $8 - 2 =$      $10 - 1 =$

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

  
 $5 + 2 =$



  
 $7 - 2 =$



$$8 + 2 =$$



$$10 - 2 =$$





$$4 + 2 =$$



$$6 - 2 =$$

$$1. \begin{aligned} 1 + 2 &= \\ 10 - 2 &= \\ 1 + 1 &= \\ 7 - 1 &= \end{aligned}$$

$$2. \begin{aligned} 5 + 1 &= \\ 3 - 1 &= \\ 8 + 2 &= \\ 6 - 2 &= \end{aligned}$$

$$3. \begin{aligned} 3 + 2 &= \\ 4 - 2 &= \\ 4 + 1 &= \\ 2 - 1 &= \end{aligned}$$

$$4. \begin{aligned} 1 + 9 &= \\ 5 - 1 &= \\ 7 + 2 &= \\ 10 - 2 &= \end{aligned}$$

$$5. \begin{aligned} 2 + 6 &= \\ 3 - 2 &= \\ 1 + 3 &= \\ 10 - 1 &= \end{aligned}$$

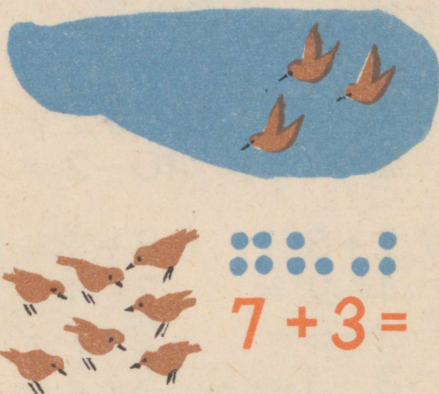
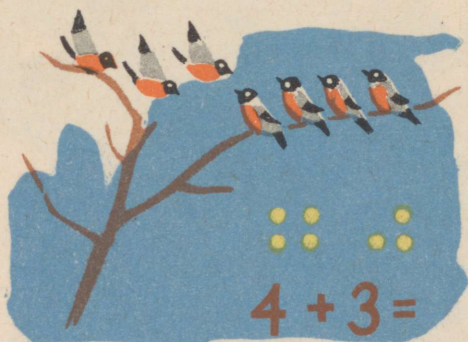
$$6. \begin{aligned} 7 + 1 &= \\ 4 - 1 &= \\ 6 + 2 &= \\ 9 - 2 &= \end{aligned}$$

$$7. \begin{aligned} 2 + 8 &= \\ 4 - 2 &= \\ 1 + 5 &= \\ 3 - 1 &= \end{aligned}$$

$$8. \begin{aligned} 8 + 1 &= \\ 7 - 1 &= \\ 2 + 7 &= \\ 5 - 2 &= \end{aligned}$$

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

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





$$\begin{array}{c} \bullet\bullet\bullet \\ \bullet\bullet\bullet \\ 5 + 3 = \end{array}$$



$$\begin{array}{c} \bullet\bullet\bullet \\ \bullet\bullet\bullet \\ 8 - 3 = \end{array}$$



$$\begin{array}{c} \bullet\bullet\bullet \\ \bullet\bullet\bullet \\ 6 + 3 = \end{array}$$



$$\begin{array}{c} \bullet\bullet\bullet \\ \bullet\bullet\bullet \\ 9 - 3 = \end{array}$$

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

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

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

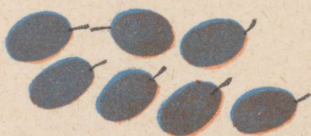
1.  $2+3=$     2.  $7+3=$     3.  $9-3=$     4.  $4+2=$   
 $7-3=$      $8-2=$      $6+3=$      $8-3=$   
 $8+2=$      $5+2=$      $10-3=$      $2+8=$   
 $6-3=$      $10-1=$      $9+1=$      $9-3=$





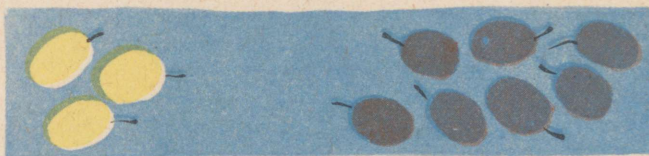

  
 $5 + 3 =$



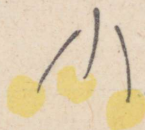

  
 $3 + 5 =$





  
 $7 + 3 =$






  
 $3 + 7 =$




  
 $4 + 3 =$




  
 $3 + 4 =$

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

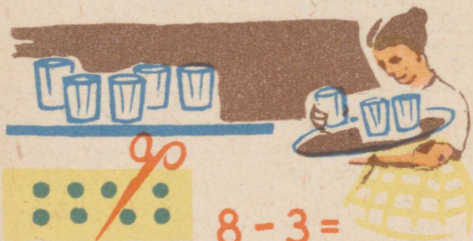
5.  $1+3=$     6.  $7+3=$     7.  $2+3=$     8.  $2+8=$   
 $10-2=$      $4-1=$      $4-2=$      $9-2=$   
 $3+6=$      $1+5=$      $3+7=$      $3+3=$   
 $9-1=$      $10-3=$      $8-3=$      $7-3=$

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

3.  $5+3=$     4.  $3+5=$     5.  $3+4=$     6.  $3+6=$   
 $6-1=$      $9-3=$      $4-3=$      $7-3=$   
 $1+8=$      $5+2=$      $2+7=$      $6+2=$   
 $3-2=$      $5-3=$      $6-3=$      $8-3=$



$3+4=$



$8-3=$



$3+6=$



$7 - 3 =$



$3 + 5 =$



$10 - 3 =$



1.  $3 + 3 =$  2.  $1 + 7 =$  3.  $2 + 4 =$  4.  $7 + 3 =$

$5 - 3 =$   $10 - 1 =$   $7 - 2 =$   $9 - 3 =$

$4 + 2 =$   $4 + 3 =$   $5 + 1 =$   $2 + 5 =$

$9 - 2 =$   $6 - 3 =$   $8 - 1 =$   $3 - 2 =$

5.  $1 + 9 =$  6.  $7 + 2 =$  7.  $6 + 3 =$  8.  $1 + 6 =$

$4 - 1 =$   $5 - 2 =$   $8 - 3 =$   $9 - 1 =$

$3 + 5 =$   $8 + 1 =$   $2 + 8 =$   $3 + 7 =$

$10 - 3 =$   $7 - 1 =$   $4 - 2 =$   $4 - 3 =$

9.  $8 + 2 =$  10.  $3 + 4 =$  1.  $6 + 1 =$  2.  $6 + 2 =$

$6 - 2 =$   $7 - 3 =$   $3 - 1 =$   $8 - 2 =$

$4 + 1 =$   $2 + 7 =$   $5 + 3 =$   $9 + 1 =$

$6 - 1 =$   $10 - 2 =$   $7 - 3 =$   $2 - 1 =$

3.  $3 + 2 =$  4.  $1 + 5 =$  5.  $2 + 2 =$  6.  $3 + 4 =$

$10 - 3 =$   $5 - 3 =$   $10 - 2 =$   $9 - 3 =$

$5 + 2 =$   $3 + 6 =$   $7 + 1 =$   $6 + 3 =$

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

5 + 4 =

4 + 5 =

9 - 4 =

6 + 4 =

4 + 6 =

10 - 4 =

5 + 5 =

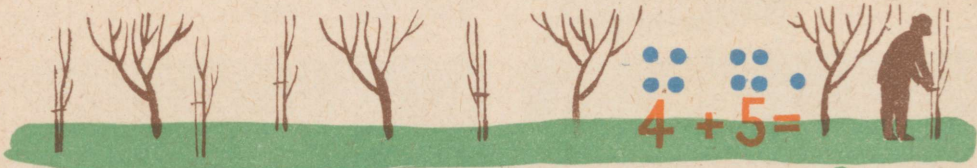
10 - 5 =

- |    |         |    |          |    |          |    |         |
|----|---------|----|----------|----|----------|----|---------|
| 1. | 4 + 4 = | 2. | 9 - 4 =  | 3. | 5 + 5 =  | 4. | 2 + 5 = |
|    | 8 - 4 = |    | 6 + 4 =  |    | 10 - 5 = |    | 8 - 3 = |
|    | 5 + 4 = |    | 4 + 6 =  |    | 7 + 3 =  |    | 3 + 6 = |
|    | 4 + 5 = |    | 10 - 4 = |    | 10 - 3 = |    | 9 - 2 = |

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

5.  $4+3 =$     6.  $2+4 =$     7.  $3+3 =$     8.  $4+6 =$   
 $10-5 =$      $8-2 =$      $6-2 =$      $10-4 =$   
 $3+5 =$      $4+4 =$      $5+4 =$      $3+7 =$   
 $9-3 =$      $7-3 =$      $6-3 =$      $10-2 =$

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



$4 + 5 =$



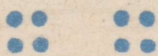
$9 - 4 =$



$4 + 6 =$



$$10 - 5 =$$



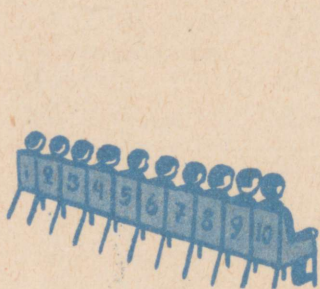
$$4 + 4 =$$



$$10 - 4 =$$

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

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



$$10 - 9 =$$



$$7 - 6 =$$



$$5 - 4 =$$



$$8 - 7 =$$



$$6 - 5 =$$



$$9 - 8 =$$

1.  $4 - 3 =$   
 $2 + 5 =$   
 $3 - 2 =$   
 $5 + 3 =$

2.  $9 - 8 =$   
 $6 + 4 =$   
 $7 - 6 =$   
 $2 + 8 =$

3.  $5 - 4 =$   
 $1 + 6 =$   
 $8 - 7 =$   
 $3 + 5 =$

4.  $6 - 5 =$   
 $3 + 6 =$   
 $10 - 9 =$   
 $4 + 5 =$

5.  $4 + 6 =$   
 $8 - 7 =$   
 $5 + 3 =$   
 $3 - 2 =$

6.  $1 + 9 =$   
 $4 - 3 =$   
 $3 + 4 =$   
 $6 - 5 =$

7.  $2 + 6 =$   
 $10 - 9 =$   
 $5 + 4 =$   
 $7 - 6 =$

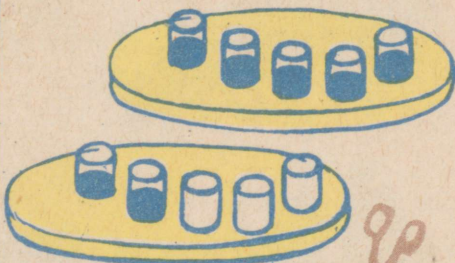
8.  $3 + 2 =$   
 $9 - 8 =$   
 $2 + 7 =$   
 $5 - 4 =$



$10 - 8 =$



$8 - 6 =$



$5 - 3 =$



$6 - 4 =$



$9 - 7 =$



$8 - 5 =$

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

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 5. $4 - 2 =$ | 6. $5 - 3 =$ | 7. $6 - 4 =$ | 8. $7 - 6 =$ |
| $3 + 6 =$    | $6 + 2 =$    | $7 + 3 =$    | $3 + 2 =$    |
| $7 - 5 =$    | $10 - 8 =$   | $8 - 6 =$    | $9 - 7 =$    |
| $3 + 4 =$    | $2 + 5 =$    | $5 + 4 =$    | $4 + 5 =$    |



$10 - 7 =$



$10 - 6 =$



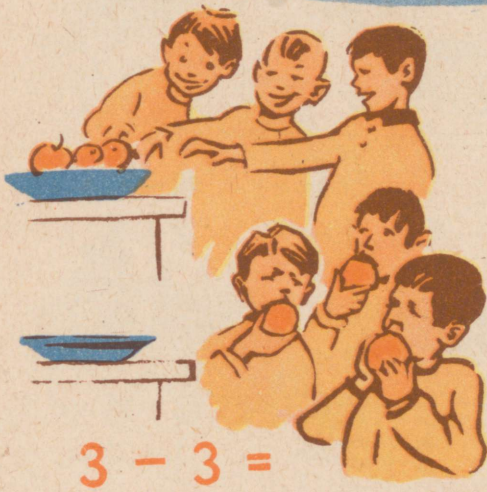
$$8 - 5 =$$

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

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

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

3. $10 - 6 =$	4. $8 - 6 =$	5. $7 - 6 =$	6. $10 - 6 =$
$3 + 4 =$	$5 + 2 =$	$3 + 3 =$	$4 + 3 =$
$7 - 5 =$	$8 - 7 =$	$8 - 7 =$	$8 - 5 =$
$4 + 6 =$	$6 + 3 =$	$2 + 2 =$	$1 + 4 =$



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

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

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

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

5.  $4-3=$     6.  $7-4=$   
 $8+1=$      $6+3=$   
 $5-5=$      $9-9=$   
 $2+8=$      $7+2=$

**MEETER**  
**= m**

$6+2= \cdot m$

$5-2= \cdot m$





$$6 + 4 = \cdot m$$



$$10 - 3 = \cdot m$$



$$5 + 3 = \cdot m$$



$$9 - 4 = \cdot m$$

1.  $4 + 1 =$

$8 - 2 =$

$1 + 7 =$

$5 - 1 =$

2.  $6 + 2 =$

$5 - 3 =$

$1 + 7 =$

$5 - 2 =$

3.  $6 + 3 =$

$8 - 4 =$

$2 + 7 =$

$7 - 3 =$

4.  $3 + 3 =$

$10 - 1 =$

$6 + 4 =$

$9 - 9 =$

5.  $3 + 2 =$

$9 - 3 =$

$4 + 4 =$

$3 - 2 =$

6.  $8 + 1 =$

$10 - 7 =$

$2 + 6 =$

$10 - 4 =$

7.  $4 + 3 =$

$9 - 2 =$

$3 + 5 =$

$7 - 7 =$

8.  $8 + 2 =$

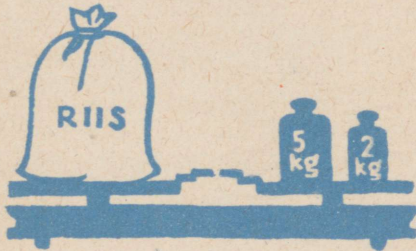
$7 - 5 =$

$2 + 3 =$

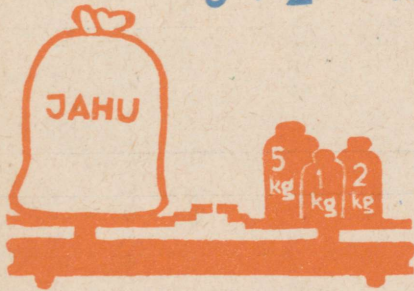
$9 - 9 =$

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

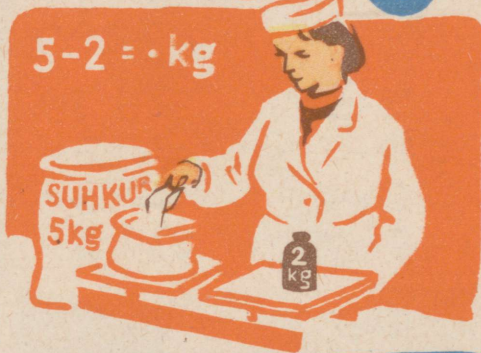
# KILOGRAMM = kg



$$5 + 2 = \cdot \text{kg}$$



$$5 + 2 + 1 = \cdot \text{kg}$$





$$3 + 5 = \cdot \text{ kg}$$



$$9 - 4 = \cdot \text{ kg}$$

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

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

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

3. $1 + 6 =$	4. $2 + 8 =$	5. $4 + 5 =$	6. $8 + 1 =$
$9 - 9 =$	$7 - 6 =$	$5 - 1 =$	$2 - 2 =$
$8 + 2 =$	$3 + 3 =$	$3 + 5 =$	$2 + 7 =$
$7 - 3 =$	$8 - 7 =$	$6 - 4 =$	$9 - 3 =$

LIITER = 1L



$$3 + 2 = 5 \text{ L}$$



$$8 - 3 = 5 \text{ L}$$



$$4 + 3 = 7 \text{ L}$$



$$7 - 5 = 2 \text{ L}$$



$$5 + 4 = 9 \text{ L}$$



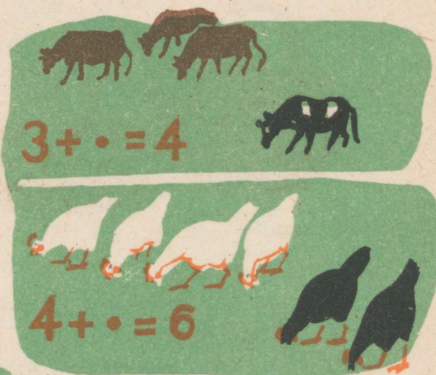
$$6 - 4 = 2 \text{ L}$$

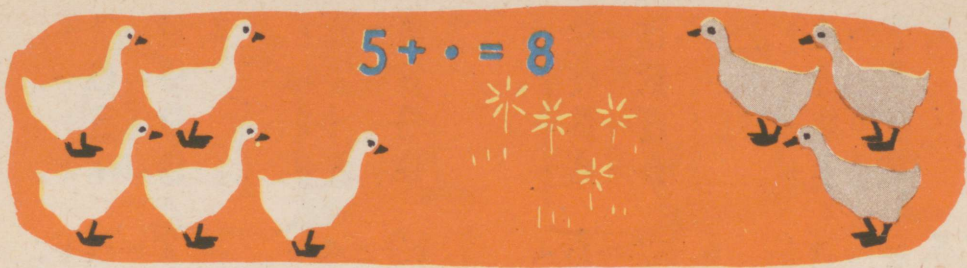
1. $4+2=$	2. $1+4=$	3. $5+5=$	4. $1+3=$
$6-1=$	$9-5=$	$10-8=$	$6-5=$
$4+5=$	$4+6=$	$3+7=$	$3+4=$
$8-6=$	$8-7=$	$10-3=$	$6-3=$

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

9. $1+3=$	10. $9+1=$	1. $6+4=$	2. $4+5=$
$4-2=$	$8-5=$	$10-8=$	$5-4=$
$5+1=$	$2+2=$	$1+9=$	$3+5=$
$6-5=$	$6-6=$	$4-4=$	$8-4=$

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






  
 $4 + 3 = 7$


  
 $4 + 5 = 9$

  
 $6 + 4 = 10$

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

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

  
 $5 = 4 + .$

  
 $6 = 4 + .$

  
 $8 = 5 + .$

- |                |                |                |                |
|----------------|----------------|----------------|----------------|
| 1. $3 = 2 + .$ | 2. $4 = 1 + .$ | 3. $5 = 1 + .$ | 4. $6 = 2 + .$ |
| $3 = 1 + .$    | $5 = 4 + .$    | $6 = 5 + .$    | $6 = 1 + .$    |
| $4 = 3 + .$    | $5 = 3 + .$    | $6 = 4 + .$    | $7 = 6 + .$    |
| $4 = 2 + .$    | $5 = 2 + .$    | $6 = 3 + .$    | $7 = 5 + .$    |

1.  $7=4+$ .  
 $7=3+$ .  
 $7=2+$ .  
 $7=1+$ .

2.  $8=7+$ .  
 $8=6+$ .  
 $8=5+$ .  
 $8=4+$ .

3.  $8=3+$ .  
 $8=2+$ .  
 $8=1+$ .  
 $9=8+$ .

4.  $9=7+$ .  
 $9=6+$ .  
 $9=5+$ .  
 $9=4+$ .

5.  $9=3+$ .  
 $9=2+$ .  
 $9=1+$ .  
 $10=9+$ .

6.  $10=8+$ .  
 $10=7+$ .  
 $10=6+$ .  
 $10=5+$ .

7.  $10=4+$ .  
 $10=3+$ .  
 $10=2+$ .  
 $10=1+$ .

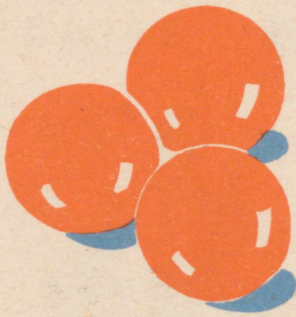
8.  $7=5+$ .  
 $4=2+$ .  
 $6=4+$ .  
 $8=3+$ .

9.  $5=2+$ .  
 $3=1+$ .  
 $9=5+$ .  
 $7=3+$ .

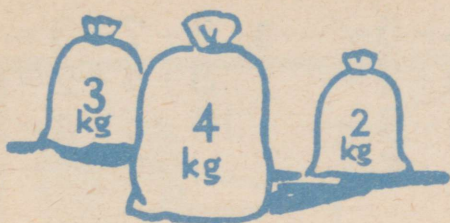
10.  $10=3+$ .  
 $4=1+$ .  
 $8=7+$ .  
 $5=4+$ .

1.  $6=3+$ .  
 $7=2+$ .  
 $9=3+$ .  
 $3=2+$ .

2.  $5=3+$ .  
 $10=7+$ .  
 $8=5+$ .  
 $6=2+$ .



$3 + 2 + 1 =$



$$\begin{array}{c} \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \bullet \end{array} = \bullet \text{ kg}$$

$$\begin{array}{c} \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \bullet \end{array} = \bullet \text{ L}$$



$$3 + 4 - 2 = \bullet \text{ L}$$



$$5 + 3 - 2 = \bullet \text{ kg}$$

1.  $2+3+1=$   
 $5+4-2=$   
 $3+2+4=$   
 $8-3+2=$

2.  $3+4-5=$   
 $9-3+2=$   
 $1+8-4=$   
 $7-5+6=$

3.  $8-7+3=$   
 $3+4+2=$   
 $10-5-4=$   
 $1+5+2=$

4.  $9-1-5=$   
 $3+5-7=$   
 $6-2+6=$   
 $4+5-3=$

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

6.  $8-5+6=$   
 $7+1-4=$   
 $2+6-3=$   
 $9-3+2=$

7.  $7+2-6=$   
 $5-4+9=$   
 $5+5-7=$   
 $8-4+1=$

8.  $8-4+3=$   
 $1+9-7=$   
 $6-3+5=$   
 $3+4-2=$

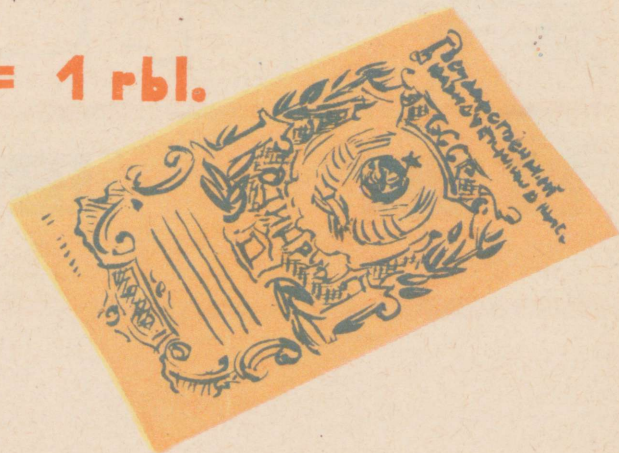
9.  $6+4-5=$   
 $10-8+7=$   
 $1+6-3=$   
 $2+8-9=$

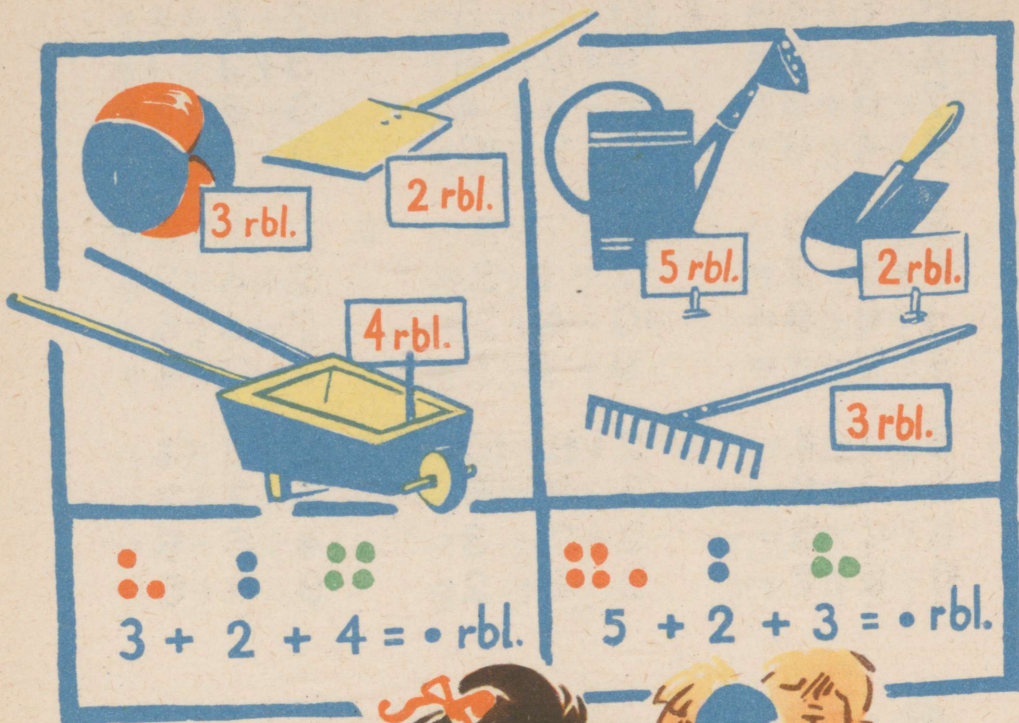
10.  $10-7+4=$   
 $5+3-6=$   
 $9-2+3=$   
 $1+8-5=$

1.  $6+3-4=$   
 $8-2+3=$   
 $3+6-5=$   
 $9-7+4=$

2.  $10-8+6=$   
 $4+5-7=$   
 $9-7+8=$   
 $5+3-6=$

**1 RUBLA = 1 руб.**





1.  $7 - 3 + 2 =$

$2 + 5 - 1 =$

$8 - 7 + 5 =$

$3 + 6 - 4 =$

2.  $5 + 3 + 2 =$

$10 - 5 + 3 =$

$2 + 3 - 1 =$

$8 - 5 + 2 =$

3.  $9 - 8 + 7 =$

$3 + 5 - 2 =$

$6 - 5 + 9 =$

$7 - 2 + 4 =$

$$1. \quad 8 - 5 + 4 = \quad 2. \quad 10 - 7 + 5 = \quad 3. \quad 7 - 6 + 4 =$$

$$2 + 3 - 5 = \quad 4 + 6 - 8 = \quad 3 + 2 - 1 =$$

$$7 - 6 + 8 = \quad 6 - 3 + 4 = \quad 9 - 6 + 7 =$$

$$3 + 4 - 6 = \quad 8 + 2 - 10 = \quad 2 + 4 - 3 =$$

$$4. \quad 8 - 7 + 6 = \quad 5. \quad 9 - 7 + 6 = \quad 6. \quad 8 - 3 + 4 =$$

$$6 + 3 - 7 = \quad 7 + 1 - 3 = \quad 2 + 4 - 3 =$$

$$1 + 8 - 9 = \quad 10 - 4 + 2 = \quad 7 - 4 + 5 =$$

$$4 + 5 - 8 = \quad 9 + 1 - 7 = \quad 7 + 3 - 4 =$$

$$7. \quad 3 + 1 - 4 = \quad 8. \quad 2 + 8 - 10 = \quad 9. \quad 6 + 1 - 4 =$$

$$2 - 1 + 9 = \quad 5 - 3 + 6 = \quad 5 - 3 + 7 =$$

$$5 + 4 - 3 = \quad 7 + 2 - 3 = \quad 4 + 5 - 8 =$$

$$6 - 5 + 7 = \quad 9 - 4 + 2 = \quad 9 - 8 + 5 =$$



$$3 \quad +$$



$$2 \quad +$$



$$\cdot \quad = \quad 9$$



$$5 \quad +$$



$$2 \quad +$$



$$\cdot \quad = \quad 10$$

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

4.  $3=1+1+.$     5.  $6=3+2+.$     6.  $7=4+2+.$   
 $4=2+1+.$      $6=2+2+.$      $7=1+1+.$   
 $5=2+1+.$      $6=1+1+.$      $7=2+2+.$   
 $5=1+1+.$      $6=3+1+.$      $7=3+2+.$

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

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



$4+3=.$  v

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

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

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

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

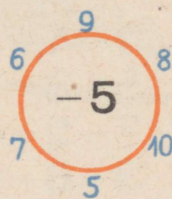
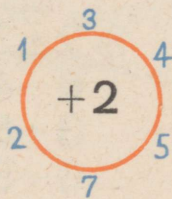
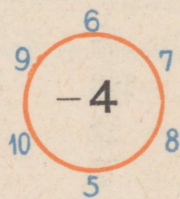
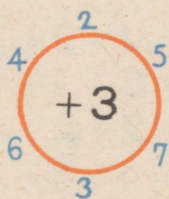


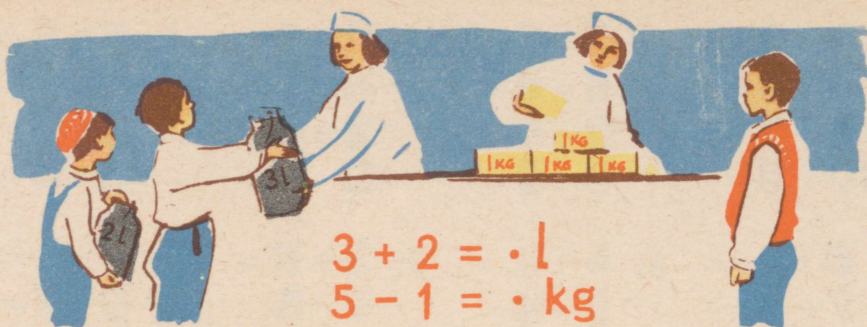
1. $7+2=$	2. $5+5=$	3. $2+4=$	4. $1+6=$
$8-3=$	$6-4=$	$8-7=$	$4-2=$
$1+7=$	$2+6=$	$4+6=$	$3+5=$
$10-9=$	$9-2=$	$10-1=$	$5-4=$

5. $6+3=$	6. $4+4=$	7. $3+6=$	8. $4+5=$
$7-4=$	$9-4=$	$7-5=$	$9-7=$
$5+2=$	$7+2=$	$5+3=$	$4+3=$
$8-6=$	$10-7=$	$9-5=$	$8-5=$

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

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





1.  $3 + 5 =$   
 $7 - 4 =$   
 $8 + 2 =$   
 $9 - 5 =$

2.  $4 + 3 =$   
 $7 - 5 =$   
 $6 + 3 =$   
 $7 - 2 =$

3.  $2 + 5 =$   
 $10 - 7 =$   
 $3 + 2 =$   
 $9 - 8 =$

4.  $2 + 7 =$   
 $9 - 6 =$   
 $7 + 3 =$   
 $5 - 2 =$

5.  $2 + 3 =$   
 $10 - 7 =$   
 $4 + 5 =$   
 $9 - 7 =$

6.  $5 + 3 =$   
 $2 - 2 =$   
 $3 + 4 =$   
 $9 - 8 =$

7.  $7 + 2 =$   
 $5 - 3 =$   
 $6 + 4 =$   
 $8 - 3 =$

8.  $5 - 3 + 6 =$   
 $2 + 5 - 4 =$   
 $6 + 4 - 5 =$   
 $9 - 6 + 2 =$

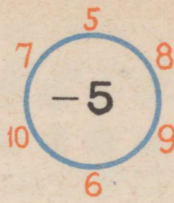
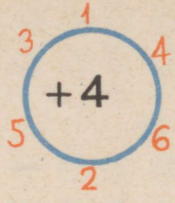
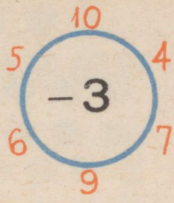
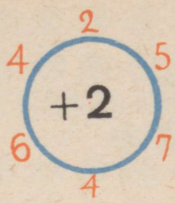
9.  $7 + 3 - 8 =$   
 $5 - 4 + 6 =$   
 $3 + 5 - 4 =$   
 $8 - 3 + 2 =$

10.  $4 + 5 - 7 =$   
 $2 + 8 - 6 =$   
 $7 - 6 + 3 =$   
 $8 - 5 - 3 =$

1.  $7 - 4 + 2 =$   
 $5 + 3 - 7 =$   
 $7 - 2 + 4 =$   
 $3 + 6 - 5 =$

2.  $2 + 3 + \cdot = 9$   
 $6 - 4 + \cdot = 10$   
 $3 + 5 + \cdot = 9$   
 $8 - 3 + \cdot = 7$

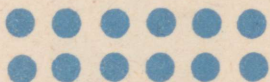
3.  $6 = 1 + 2 + \cdot$   
 $10 = 5 + 1 + \cdot$   
 $8 = 2 + 2 + \cdot$   
 $7 = 1 + 3 + \cdot$



# ARVUD 10 — 20



ÜKSTEIST



KAKSTEIST



KOLMTEIST



NELITEIST



VIISTEIST



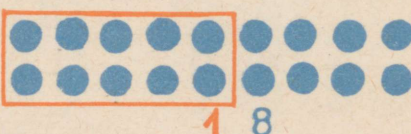
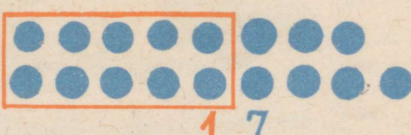
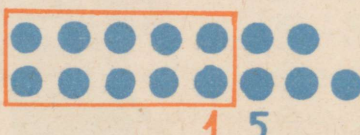
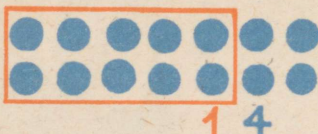
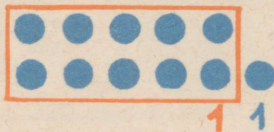
KUUSTEIST

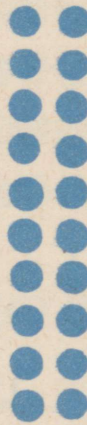
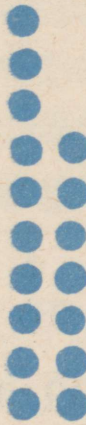
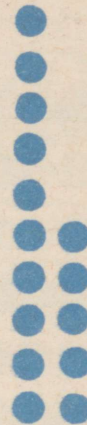
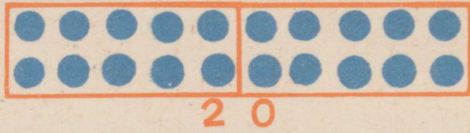


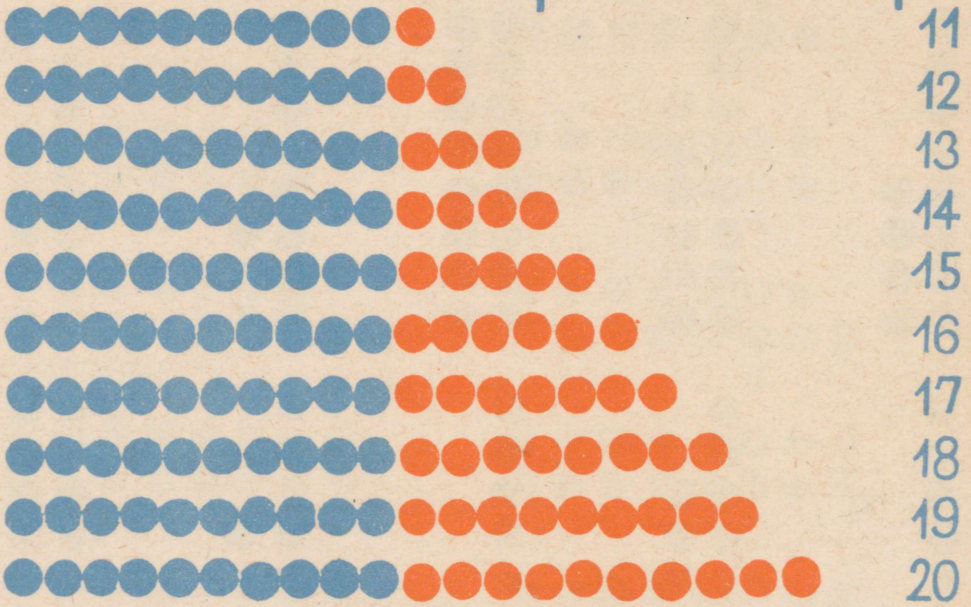
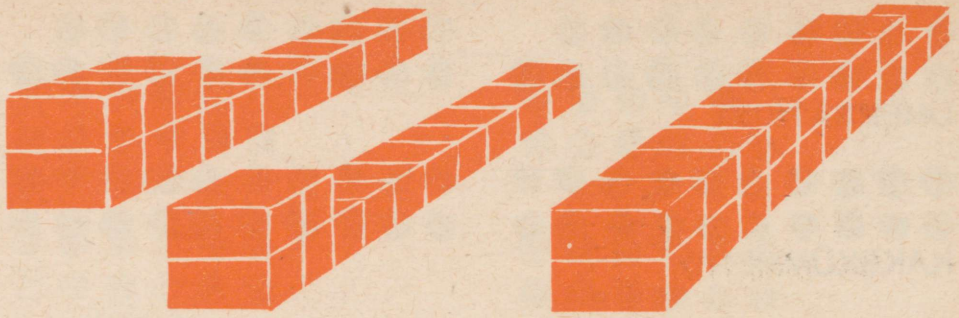
SEITSETEIST



KAHEKSATEIST







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

1. LOE: 12 17 14 16 20 15 11 13 18

2.



3.



4. . 14 . . 18 . . 11 . . 19 . . 17 .

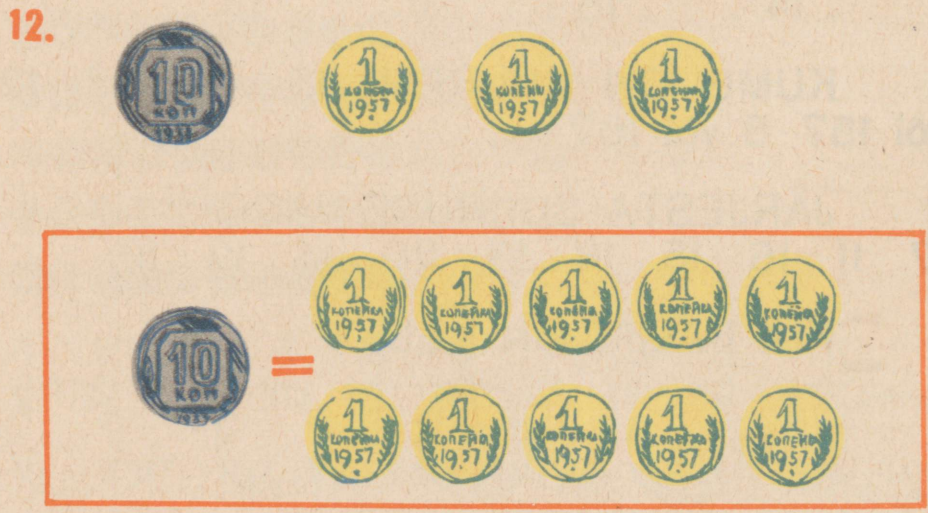
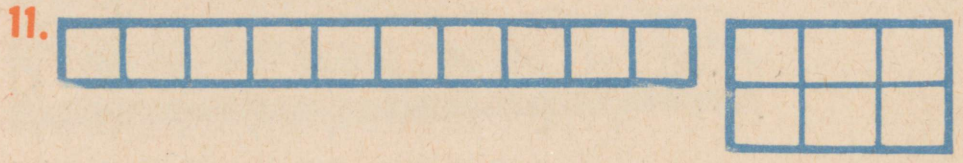
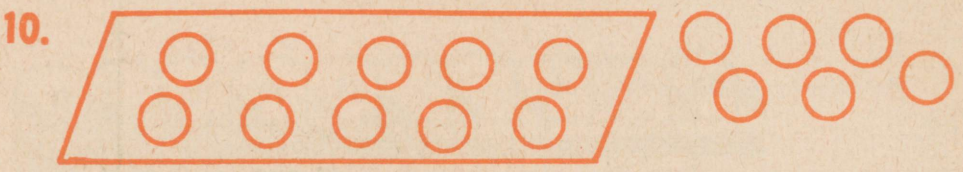
5. KUMB ON SUUREM: 13 või 20? 12  
või 15? 6 või 16?

6. JÄRJESTA SUURUSE JÄRGI:  
17 11 16 15 18 13 20 14 12 19.

7. KUI PALJU ON KELL?



8. LOE EDASI: 1 3 5 7 . . . . . 19  
 2 4 6 8 . . . . . 20



KOPIKAS = kop.



$= 11$

$10 + 1 = 11$



$= 16$

$10 + 6 = 16$



$= 12$

$10 + 2 = 12$



$= 17$

$10 + 7 = 17$



$= 13$

$10 + 3 = 13$



$= 18$

$10 + 8 = 18$



$= 14$

$10 + 4 = 14$



$= 19$

$10 + 9 = 19$



$= 15$

$10 + 5 = 15$



$= 20$

$10 + 10 = 20$



1.  $10 + 3 =$   
 $13 - 3 =$   
 $13 - 10 =$



2.  $10 + 5 =$   
 $15 - 5 =$   
 $15 - 10 =$



3.  $10 + 2 =$   
 $12 - 2 =$   
 $12 - 10 =$



4.  $10 + 6 =$   
 $16 - 6 =$   
 $16 - 10 =$



5.  $10 + 4 =$   
 $14 - 4 =$   
 $14 - 10 =$



6.  $10 + 1 =$   
 $11 - 1 =$   
 $11 - 10 =$



7.  $10 + 7 =$   
 $17 - 7 =$   
 $17 - 10 =$



8.  $10 + 9 =$   
 $19 - 9 =$   
 $10 - 10 =$



9.  $10 + 8 =$   
 $18 - 8 =$   
 $18 - 10 =$



10.  $10 + 10 =$   
 $20 - 10 =$

11.  $10 + 1 =$   
 $10 + 2 =$   
 $10 + 3 =$   
 $10 + 4 =$

12.  $10 + 5 =$   
 $10 + 6 =$   
 $10 + 7 =$   
 $10 + 8 =$

13.  $10 + 9 =$   
 $10 + 10 =$   
 $10 + 7 =$   
 $10 + 3 =$

14.  $10 + 6 =$   
 $10 + 9 =$   
 $10 + 2 =$   
 $10 + 5 =$

15.  $1+10=$     16.  $4+10=$     17.  $6+10=$     18.  $8+10=$   
 $5+10=$      $10+10=$      $9+10=$      $5+10=$   
 $9+10=$      $7+10=$      $2+10=$      $6+10=$   
 $2+10=$      $3+10=$      $7+10=$      $8+10=$

19.  $10+1=$     20.  $10+2=$     1.  $10+3=$     2.  $5+10=$   
 $11-1=$      $12-2=$      $3+10=$      $10+4=$   
 $1+10=$      $2+10=$      $14-4=$      $13-3=$   
 $11-10=$      $12-10=$      $4+10=$      $14-10=$

3.  $10+5=$     4.  $15-5=$     5.  $7+10=$     6.  $8+10=$   
 $15-10=$      $6+10=$      $17-7=$      $16-10=$   
 $10+6=$      $16-10=$      $10+8=$      $10+9=$   
 $13-10=$      $10+7=$      $17-10=$      $18-8=$

7.  $9+10=$     8.  $10+6=$     9.  $4+10=$     10.  $10+3=$   
 $18-10=$      $19-10=$      $18-8=$      $14-4=$   
 $5+10=$      $7+10=$      $9+10=$      $6+10=$   
 $19-9=$      $16-6=$      $15-10=$      $17-10=$

11.  $14-10=$     12.  $16-10=$     13.  $11-10=$     14.  $9+10=$   
 $10+9=$      $3+10=$      $10+4=$      $17-7=$   
 $18-10=$      $10+2=$      $11-1=$      $10+5=$   
 $10+7=$      $11-1=$      $4+10=$      $19-9=$

15.  $4 + 10 =$  16.  $5 + 10 =$  17.  $10 + 5 =$  18.  $1 + 10 =$   
 $10 + 8 =$   $10 + 9 =$   $6 + 10 =$   $10 + 4 =$   
 $9 + 10 =$   $8 + 10 =$   $10 + 8 =$   $2 + 10 =$   
 $10 + 5 =$   $10 + 4 =$   $7 + 10 =$   $10 + 6 =$

19.  $10 + 6 =$  20.  $10 + 7 =$  1.  $10 + . = 15$  2.  $10 + . = 18$   
 $8 + 10 =$   $9 + 10 =$   $10 + . = 17$   $10 + . = 17$   
 $10 + 8 =$   $7 + 10 =$   $10 + . = 19$   $10 + . = 15$   
 $6 + 10 =$   $10 + 5 =$   $10 + . = 16$   $10 + . = 13$

3.  $5 + . = 15$  4.  $6 + . = 16$  5.  $7 + . = 17$  6.  $10 + . = 20$   
 $7 + . = 17$   $10 + . = 14$   $10 + . = 16$   $9 + . = 19$   
 $9 + . = 19$   $9 + . = 13$   $5 + . = 15$   $10 + . = 12$   
 $8 + . = 18$   $10 + . = 12$   $10 + . = 18$   $10 + . = 20$

7.  $16 - . = 10$  8.  $. - 5 = 10$  9.  $10 = 13 - .$  10.  $15 - . = 10$   
 $19 - . = 10$   $. - 4 = 10$   $10 = 17 - .$   $12 - . = 10$   
 $18 - . = 10$   $. - 10 = 10$   $10 = 16 - .$   $14 - . = 10$   
 $17 - . = 10$   $. - 3 = 10$   $10 = 19 - .$   $13 - . = 10$



$11 + 1 =$   
 $12 - 1 =$   
 $1 + 11 =$



B

$12 + 1 =$

$13 - 1 =$

$1 + 12 =$

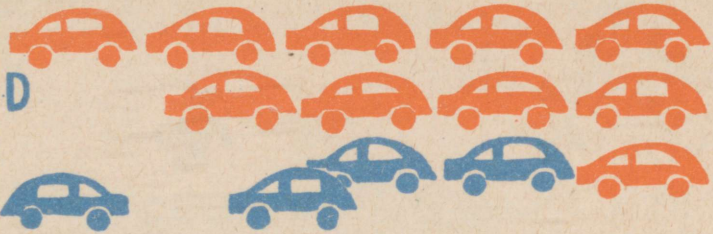


$13 + 1 =$

$14 - 1 =$

$1 + 13 =$

D

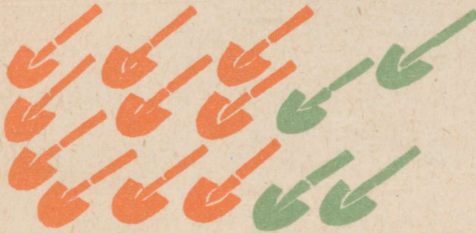


E

$14 + 1 =$

$15 - 1 =$

$1 + 14 =$



G

$15 + 1 =$

$16 - 1 =$

$1 + 15 =$

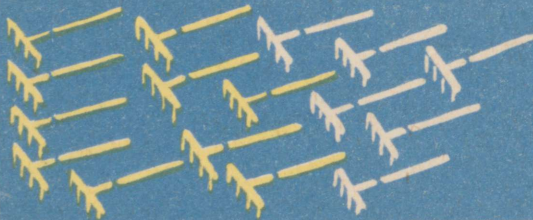


H

$16 + 1 =$

$17 - 1 =$

$1 + 16 =$



$17 + 1 =$

$18 - 1 =$

$1 + 17 =$



$18 + 1 =$

$19 - 1 =$

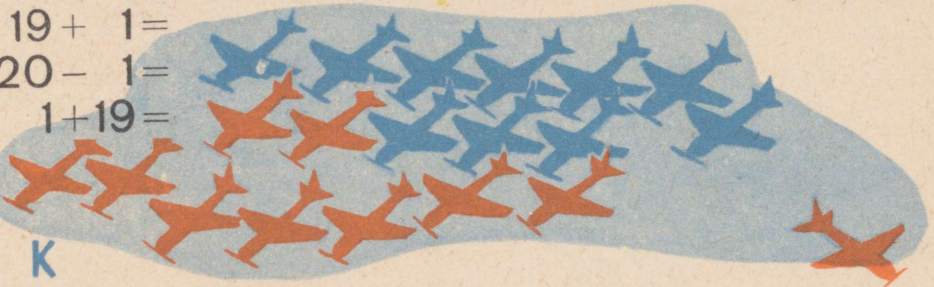
$1 + 18 =$



$19 + 1 =$

$20 - 1 =$

$1 + 19 =$



**1.**  $11 + 1 =$     **2.**  $1 + 12 =$     **3.**  $14 - 1 =$     **4.**  $15 + 1 =$

$1 + 11 =$      $13 - 1 =$      $14 + 1 =$      $1 + 15 =$

$12 - 1 =$      $13 + 1 =$      $1 + 14 =$      $16 - 1 =$

$12 + 1 =$      $1 + 13 =$      $15 - 1 =$      $16 + 1 =$

**5.**  $1 + 16 =$     **6.**  $18 - 1 =$     **7.**  $19 + 1 =$     **8.**  $13 + 1 =$

$17 - 1 =$      $18 + 1 =$      $1 + 19 =$      $1 + 14 =$

$17 + 1 =$      $1 + 18 =$      $20 - 1 =$      $1 + 17 =$

$1 + 17 =$      $19 - 1 =$      $18 + 1 =$      $19 + 1 =$

9.  $14 + 1 =$     10.  $12 + 1 =$     11.  $17 + 1 =$     12.  $15 + 1 =$   
 $1 + 13 =$      $14 - 1 =$      $1 + 16 =$      $20 - 1 =$   
 $18 - 1 =$      $1 + 15 =$      $19 - 1 =$      $1 + 18 =$   
 $1 + 18 =$      $19 - 1 =$      $1 + 12 =$      $16 - 1 =$

13.  $1 + 1 =$     14.  $3 + 1 =$     15.  $5 + 1 =$     16.  $7 + 1 =$   
 $11 + 1 =$      $13 + 1 =$      $15 + 1 =$      $17 + 1 =$   
 $2 + 1 =$      $4 + 1 =$      $6 + 1 =$      $8 + 1 =$   
 $12 + 1 =$      $14 + 1 =$      $16 + 1 =$      $18 + 1 =$

17.  $1 - 1 =$     18.  $3 - 1 =$     19.  $5 - 1 =$     20.  $7 - 1 =$   
 $11 - 1 =$      $13 - 1 =$      $15 - 1 =$      $17 - 1 =$   
 $2 - 1 =$      $4 - 1 =$      $6 - 1 =$      $8 - 1 =$   
 $12 - 1 =$      $14 - 1 =$      $16 - 1 =$      $18 - 1 =$

1.  $9 - 1 =$     2.  $11 - 1 =$     3.  $17 + 1 =$     4.  $19 - 1 =$   
 $19 - 1 =$      $13 + 1 =$      $19 + 1 =$      $15 - 1 =$   
 $10 - 1 =$      $12 + 1 =$      $15 + 1 =$      $17 - 1 =$   
 $20 - 1 =$      $14 + 1 =$      $16 + 1 =$      $20 - 1 =$

5.  $11 = 10 + .$     6.  $14 = 13 + .$     7.  $19 = 18 + .$   
 $15 = 14 + .$      $18 = 17 + .$      $14 = 13 + .$   
 $17 = 16 + .$      $13 = 12 + .$      $20 = 19 + .$   
 $12 = 11 + .$      $16 = 15 + .$      $17 = 16 + .$

8.  $15 = 16 - .$   
 $18 = 19 - .$   
 $16 = 17 - .$   
 $17 = 18 - .$

A



$11 + 2 =$

$13 - 2 =$

$2 + 11 =$

P P P P P

D

P P P P P

P P

P

P

P

P P

$13 + 2 =$

$15 - 2 =$

$2 + 13 =$

$12 + 2 =$

$14 + 2 =$

$14 - 2 =$

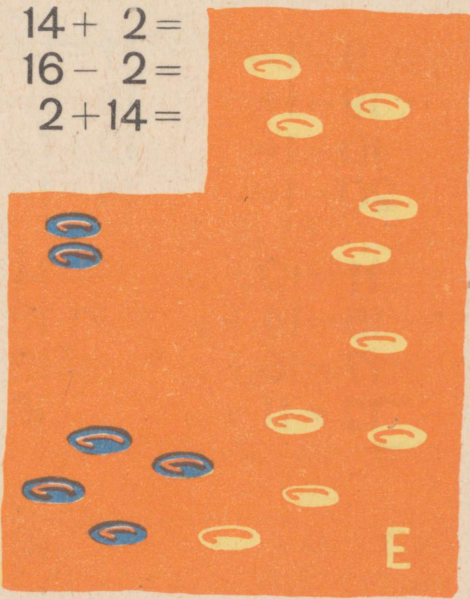
$16 - 2 =$

$2 + 12 =$

$2 + 14 =$

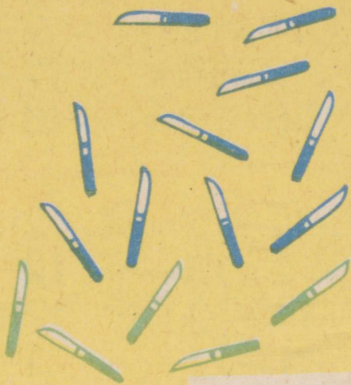


B



E

G



$15 + 2 =$

$17 - 2 =$

$2 + 15 =$



$17 + 2 =$

$19 - 2 =$

$2 + 17 =$

$16 + 2 =$

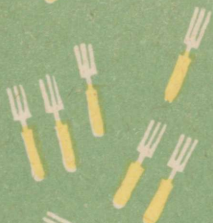
$18 + 2 =$

$18 - 2 =$

$20 - 2 =$

$2 + 16 =$

$2 + 20 =$



H



J

1.  $11 + 2 =$     2.  $2 + 12 =$     3.  $15 - 2 =$     4.  $15 + 2 =$   
 $2 + 11 =$      $14 - 2 =$      $14 + 2 =$      $2 + 15 =$   
 $13 - 2 =$      $13 + 2 =$      $2 + 14 =$      $17 - 2 =$   
 $12 + 2 =$      $2 + 13 =$      $16 - 2 =$      $16 + 2 =$

5.  $2 + 16 =$     6.  $19 - 2 =$     7.  $12 + 2 =$     8.  $2 + 16 =$   
 $18 - 2 =$      $18 + 2 =$      $2 + 13 =$      $12 - 2 =$   
 $17 + 2 =$      $2 + 18 =$      $14 - 2 =$      $17 + 2 =$   
 $2 + 17 =$      $20 - 2 =$      $11 + 2 =$      $2 + 11 =$

9.  $16 + 2 =$     10.  $2 + 14 =$     11.  $13 + 2 =$     12.  $2 + 18 =$   
 $15 - 2 =$      $15 + 2 =$      $19 - 2 =$      $13 + 2 =$   
 $2 + 15 =$      $17 - 2 =$      $2 + 12 =$      $20 - 2 =$   
 $14 + 2 =$      $2 + 17 =$      $12 + 2 =$      $18 + 2 =$

13.  $2 + 12 =$     14.  $13 + 2 =$     15.  $14 + 2 =$     16.  $2 + 15 =$   
 $16 - 2 =$      $2 + 11 =$      $20 - 2 =$      $17 + 2 =$   
 $17 + 2 =$      $15 - 2 =$      $2 + 17 =$      $18 - 2 =$   
 $2 + 18 =$      $16 + 2 =$      $11 + 2 =$      $2 + 16 =$

17.  $2 + 2 =$     18.  $5 + 2 =$     19.  $3 + 2 =$     20.  $8 + 2 =$   
 $12 + 2 =$      $15 + 2 =$      $13 + 2 =$      $18 + 2 =$   
 $4 + 2 =$      $7 + 2 =$      $6 + 2 =$      $4 + 2 =$   
 $14 + 2 =$      $17 + 2 =$      $16 + 2 =$      $14 + 2 =$

1.  $3 - 2 =$   
 $13 - 2 =$   
 $5 - 2 =$   
 $15 - 2 =$

2.  $6 - 2 =$   
 $16 - 2 =$   
 $8 - 2 =$   
 $18 - 2 =$

3.  $7 - 2 =$   
 $17 - 2 =$   
 $10 - 2 =$   
 $20 - 2 =$

4.  $9 - 2 =$   
 $19 - 2 =$   
 $4 - 2 =$   
 $14 - 2 =$

5.  $13 + . = 15$   
 $17 + . = 19$   
 $16 + . = 18$   
 $11 + . = 13$

6.  $19 - 2 =$   
 $15 - 2 =$   
 $13 - 2 =$   
 $18 - 2 =$

7.  $12 + 2 =$   
 $17 + 2 =$   
 $13 + 2 =$   
 $18 + 2 =$

8.  $15 + 2 =$   
 $15 - 2 =$   
 $17 + 2 =$   
 $17 - 2 =$

**A**

$11 + 3 =$   
 $3 + 11 =$   
 $14 - 3 =$

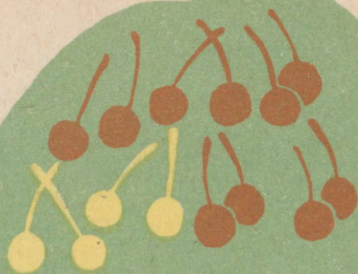
**B**

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

**D**

$13 + 3 =$   
 $3 + 13 =$   
 $16 - 3 =$

E



$$14 + 3 =$$

$$3 + 14 =$$

$$17 - 3 =$$



H



$$16 + 3 =$$

$$3 + 16 =$$

$$19 - 3 =$$



G



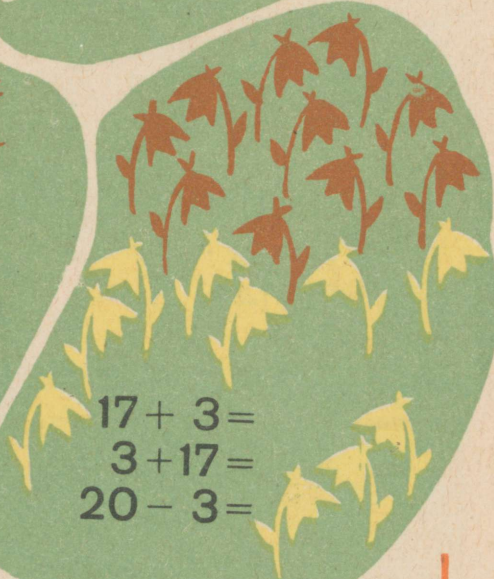
$$15 + 3 =$$

$$3 + 15 =$$

$$18 - 3 =$$



I



$$17 + 3 =$$

$$3 + 17 =$$

$$20 - 3 =$$



1.  $11 + 3 =$   
 $3 + 11 =$   
 $14 - 3 =$   
 $12 + 3 =$

2.  $3 + 12 =$   
 $15 - 3 =$   
 $13 + 3 =$   
 $3 + 13 =$

3.  $16 - 3 =$   
 $14 + 3 =$   
 $3 + 14 =$   
 $17 - 3 =$

4.  $15 + 3 =$   
 $3 + 15 =$   
 $18 - 3 =$   
 $16 + 3 =$

5.  $3 + 16 =$   
 $19 - 3 =$   
 $17 + 3 =$   
 $3 + 17 =$

6.  $30 - 3 =$   
 $3 + 14 =$   
 $11 + 3 =$   
 $14 - 3 =$

7.  $3 + 11 =$   
 $12 + 3 =$   
 $18 - 3 =$   
 $3 + 12 =$

8.  $13 + 3 =$   
 $15 - 3 =$   
 $3 + 13 =$   
 $17 + 3 =$

9.  $14 + 3 =$   
 $3 + 15 =$   
 $16 - 3 =$   
 $15 + 3 =$

10.  $16 + 3 =$   
 $17 - 3 =$   
 $3 + 13 =$   
 $12 + 3 =$

11.  $12 + 3 =$   
 $3 + 12 =$   
 $19 - 3 =$   
 $3 + 17 =$

12.  $3 + 16 =$   
 $20 - 3 =$   
 $3 + 15 =$   
 $11 + 3 =$

13.  $3 + 14 =$   
 $15 - 3 =$   
 $3 + 11 =$   
 $20 - 3 =$

14.  $3 + 16 =$   
 $15 + 3 =$   
 $19 - 3 =$   
 $17 + 3 =$

15.  $14 + 3 =$   
 $18 - 3 =$   
 $3 + 15 =$   
 $16 + 3 =$

16.  $17 + 3 =$   
 $14 - 3 =$   
 $3 + 13 =$   
 $18 - 3 =$

17.  $1 + 3 =$   
 $11 + 3 =$   
 $3 + 3 =$   
 $13 + 3 =$

18.  $5 + 3 =$   
 $15 + 3 =$   
 $6 + 3 =$   
 $16 + 3 =$

19.  $7 + 3 =$   
 $17 + 3 =$   
 $4 + 3 =$   
 $14 + 3 =$

20.  $2 + 3 =$   
 $12 + 3 =$   
 $7 + 3 =$   
 $17 + 3 =$

1.  $4 - 3 =$   
 $14 - 3 =$   
 $5 - 3 =$   
 $15 - 3 =$

2.  $7 - 3 =$   
 $17 - 3 =$   
 $8 - 3 =$   
 $18 - 3 =$

3.  $9 - 3 =$   
 $19 - 3 =$   
 $6 - 3 =$   
 $16 - 3 =$

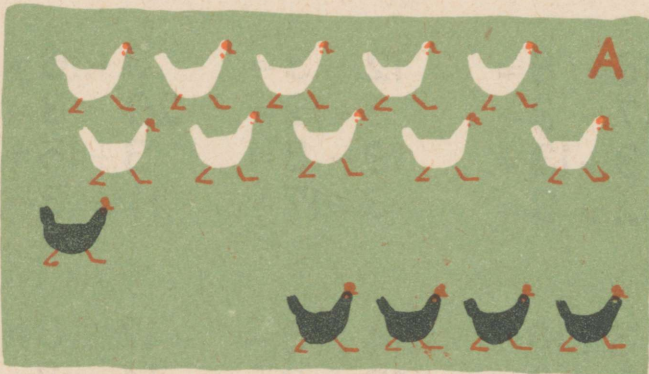
4.  $10 - 3 =$   
 $14 - 3 =$   
 $16 - 3 =$   
 $17 - 3 =$

5.  $17 + 3 =$   
 $15 + 3 =$   
 $18 - 3 =$   
 $12 + 3 =$

6.  $15 - 3 =$   
 $15 + 3 =$   
 $16 - 3 =$   
 $17 + 8 =$

7.  $11 = 10 +$   
 $12 = 10 +$   
 $13 = 10 +$   
 $14 = 10 +$

8.  $15 + 2 =$   
 $16 + 3 =$   
 $18 - 2 =$   
 $17 - 3 =$



$11 + 4 =$   
 $4 + 11 =$   
 $15 - 4 =$

$12 + 4 =$   
 $4 + 12 =$   
 $16 - 4 =$

**D**

$13 + 4 =$   
 $4 + 13 =$   
 $17 - 4 =$

**E**

$14 + 4 =$   
 $4 + 14 =$   
 $18 - 4 =$

**G**

$15 + 4 =$   
 $4 + 15 =$   
 $19 - 4 =$

**H**

$16 + 4 =$   
 $4 + 16 =$   
 $20 - 4 =$

1.  $4 + 16 =$     2.  $4 + 14 =$     3.  $12 + 4 =$     4.  $13 + 4 =$   
 $20 - 4 =$      $11 + 4 =$      $4 + 11 =$      $17 - 4 =$   
 $4 + 13 =$      $17 - 4 =$      $16 - 4 =$      $4 + 14 =$   
 $14 + 4 =$      $15 + 4 =$      $4 + 12 =$      $11 + 4 =$

1.  $16 + 4 =$     2.  $4 + 16 =$     3.  $4 + 15 =$     4.  $14 + 4 =$   
 $4 + 12 =$      $13 + 4 =$      $20 - 4 =$      $18 - 4 =$   
 $19 - 4 =$      $18 - 4 =$      $4 + 14 =$      $4 + 13 =$   
 $4 + 15 =$      $4 + 11 =$      $15 - 4 =$      $16 - 4 =$

5.  $14 + 4 =$     6.  $12 + 4 =$     7.  $16 + 4 =$     8.  $4 + 11 =$   
 $15 - 4 =$      $4 + 13 =$      $17 - 4 =$      $13 + 4 =$   
 $4 + 16 =$      $19 - 4 =$      $4 + 14 =$      $17 - 4 =$   
 $20 - 4 =$      $15 + 4 =$      $14 + 4 =$      $4 + 15 =$

9.  $1 + 4 =$     10.  $5 + 4 =$     11.  $6 + 4 =$     12.  $11 + 4 =$   
 $11 + 4 =$      $15 + 4 =$      $16 + 4 =$      $16 + 4 =$   
 $3 + 4 =$      $4 + 4 =$      $15 + 4 =$      $14 + 4 =$   
 $13 + 4 =$      $14 + 4 =$      $12 + 4 =$      $13 + 4 =$

13.  $5 - 4 =$     14.  $7 - 4 =$     15.  $19 - 4 =$     16.  $17 - 4 =$   
 $15 - 4 =$      $17 - 4 =$      $10 - 4 =$      $16 - 4 =$   
 $6 - 4 =$      $9 - 4 =$      $20 - 4 =$      $19 - 4 =$   
 $16 - 4 =$      $19 - 4 =$      $18 - 4 =$      $20 - 4 =$

<b>17.</b> $13 + 4 =$	<b>18.</b> $15 + 4 =$	<b>19.</b> $12 + 4 =$	<b>20.</b> $14 + 2 =$
$14 + 4 =$	$15 - 4 =$	$18 - 4 =$	$12 + 2 =$
$14 - 4 =$	$17 - 4 =$	$13 + 4 =$	$13 + 2 =$
$18 - 4 =$	$16 + 4 =$	$17 - 4 =$	$11 + 2 =$

<b>1.</b> $12 + 1 =$	<b>2.</b> $10 + 1 =$	<b>3.</b> $18 + 1 =$	<b>4.</b> $17 + 3 =$
$13 + 2 =$	$11 + 2 =$	$16 + 2 =$	$15 + 4 =$
$11 + 4 =$	$12 + 3 =$	$14 + 3 =$	$16 + 3 =$
$12 + 2 =$	$13 + 4 =$	$11 + 4 =$	$14 + 4 =$

<b>5.</b> $16 - 2 =$	<b>6.</b> $19 - 3 =$	<b>7.</b> $19 - 4 =$	<b>8.</b> $18 - 4 =$
$14 - 4 =$	$16 - 4 =$	$15 - 4 =$	$13 - 2 =$
$16 - 4 =$	$15 - 3 =$	$16 - 4 =$	$18 - 2 =$
$17 - 3 =$	$12 - 2 =$	$17 - 4 =$	$14 - 3 =$

$11 + 5 =$   
 $5 + 11 =$   
 $16 - 5 =$

$12 + 5 =$   
 $5 + 12 =$   
 $17 - 5 =$



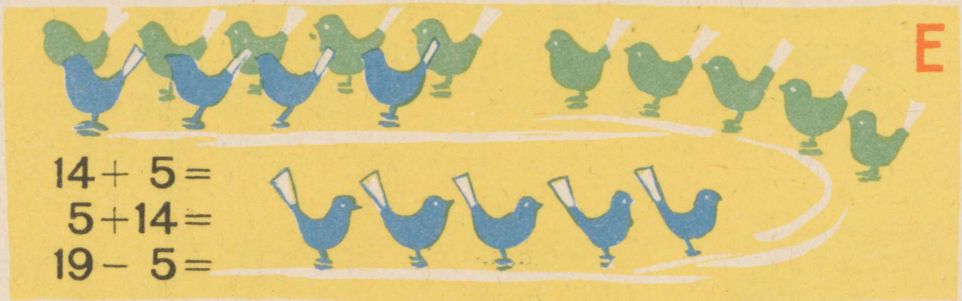


D

$$13 + 5 =$$

$$5 + 13 =$$

$$18 - 5 =$$



E

$$14 + 5 =$$

$$5 + 14 =$$

$$19 - 5 =$$



G

$$15 + 5 =$$

$$5 + 15 =$$

$$20 - 5 =$$

1.  $11 + 5 =$     2.  $5 + 12 =$     3.  $18 - 5 =$     4.  $15 + 5 =$   
 $5 + 11 =$      $17 - 5 =$      $14 + 5 =$      $5 + 15 =$   
 $16 - 5 =$      $13 + 5 =$      $5 + 14 =$      $20 - 5 =$   
 $12 + 5 =$      $5 + 13 =$      $19 - 5 =$      $11 + 6 =$

5.  $1 + 5 =$     6.  $5 + 15 =$     7.  $4 + 5 =$     8.  $14 + 5 =$   
 $11 + 5 =$      $15 + 5 =$      $14 + 5 =$      $12 + 5 =$   
 $3 + 5 =$      $2 + 5 =$      $3 + 5 =$      $15 + 5 =$   
 $13 + 5 =$      $12 + 5 =$      $13 + 5 =$      $13 + 5 =$

9.  $6 - 5 =$     10.  $8 - 5 =$     11.  $10 - 5 =$     12.  $11 + 5 =$   
 $16 - 5 =$      $18 - 5 =$      $20 - 5 =$      $19 - 5 =$   
 $7 - 5 =$      $9 - 5 =$      $16 - 5 =$      $14 + 5 =$   
 $17 - 5 =$      $19 - 5 =$      $18 - 5 =$      $17 - 5 =$

1.  $10 + 1 =$     2.  $14 + 5 =$     3.  $10 + 3 =$     4.  $14 + 5 =$   
 $11 + 2 =$      $14 + 4 =$      $11 + 4 =$      $14 + 4 =$   
 $12 + 3 =$      $13 + 5 =$      $12 + 5 =$      $12 + 4 =$   
 $13 + 4 =$      $12 + 4 =$      $13 + 2 =$      $11 + 3 =$

5.  $16 - 5 =$     6.  $16 - 2 =$     7.  $19 - 3 =$     8.  $19 - 4 =$   
 $15 - 3 =$      $14 - 2 =$      $16 - 3 =$      $15 - 4 =$   
 $14 - 2 =$      $16 - 4 =$      $15 - 3 =$      $18 - 5 =$   
 $16 - 3 =$      $17 - 3 =$      $15 - 2 =$      $14 - 3 =$

9.  $10 + 1 + 2 =$     10.  $10 + 2 + 2 =$   
 $10 + 2 + 1 =$      $10 + 3 + 1 =$   
 $10 + 2 + 3 =$      $10 + 1 + 1 =$   
 $10 + 3 + 2 =$      $10 + 2 + 2 =$

11.  $11 + 4 + 3 =$     12.  $12 + 3 + 4 =$   
 $13 + 5 + 1 =$      $10 + 5 + 2 =$   
 $11 + 4 + 1 =$      $14 + 3 + 2 =$   
 $13 + 2 + 4 =$      $12 + 5 + 2 =$



13.  $20 - 5 - 3 =$     14.  $18 - 4 - 3 =$   
 $17 - 3 - 3 =$      $19 - 2 - 4 =$   
 $20 - 5 - 2 =$      $18 - 3 - 5 =$



15.  $13 + 3 + 5 =$     16.  $19 + 1 - 5 =$   
 $19 - 3 + 2 =$      $17 + 2 - 5 =$   
 $18 - 5 + 4 =$      $12 + 4 - 3 =$

17.  $15 - 4 + 3 =$     18.  $2 + 12 + 1 =$   
 $14 + 4 + 1 =$      $4 + 13 + 3 =$   
 $15 + 2 - 3 =$      $5 + 11 + 3 =$   
 $12 - 2 + 5 =$      $2 + 14 + 2 =$

19.  $17 - 4 - 2 =$     20.  $19 - 4 - 2 =$   
 $19 - 5 - 1 =$      $18 - 3 - 4 =$   
 $20 - 5 - 4 =$      $16 - 1 - 5 =$   
 $18 - 4 - 3 =$      $19 - 3 - 1 =$



1.  $13 + 2 + 3 =$   
 $17 + 2 + 1 =$   
 $13 + 2 + 5 =$   
 $15 + 3 + 2 =$

2.  $14 + 3 + 2 =$   
 $13 + 3 + 4 =$   
 $12 + 4 + 3 =$   
 $17 + 1 + 2 =$

3.  $19 - 5 + 4 =$   
 $17 - 3 + 5 =$   
 $15 - 4 + 4 =$   
 $13 - 2 + 5 =$

4.  $18 - 2 + 3 =$   
 $16 - 5 + 4 =$   
 $14 + 5 - 4 =$   
 $12 + 3 - 5 =$



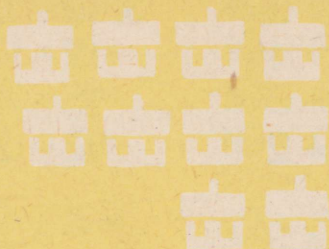
5.  $12 + 3 =$   
 $14 + 3 =$   
 $17 + 3 =$   
 $15 + 3 =$

6.  $15 + 4 =$   
 $15 - 3 =$   
 $13 - 2 =$   
 $14 + 5 =$

7.  $17 - 4 =$   
 $15 + 3 =$   
 $16 - 3 =$   
 $15 - 2 =$

8.  $16 + 4 =$   
 $19 - 5 =$   
 $14 + 3 =$   
 $17 - 4 =$





A



$11 + 6 =$

$6 + 11 =$

$17 - 6 =$



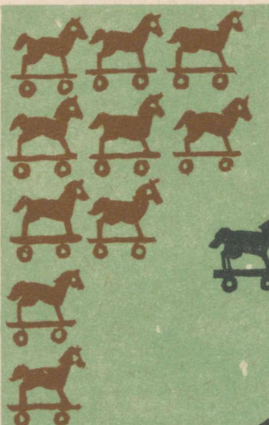
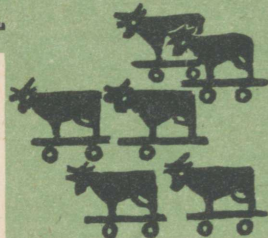
D



$13 + 6 =$

$6 + 13 =$

$19 - 6 =$



B



$12 + 6 =$

$6 + 12 =$

$18 - 6 =$

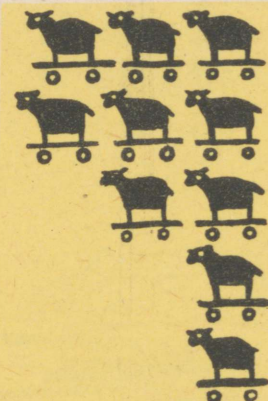
$14 + 6 =$

$6 + 14 =$

$20 - 6 =$



E



1.  $6+11=$     2.  $18-6=$     3.  $14+6=$     4.  $13+6=$   
 $17-6=$      $13+6=$      $6+14=$      $17-6=$   
 $12+6=$      $6+13=$      $20-6=$      $6+12=$   
 $6+12=$      $19-6=$      $5+11=$      $19-6=$

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

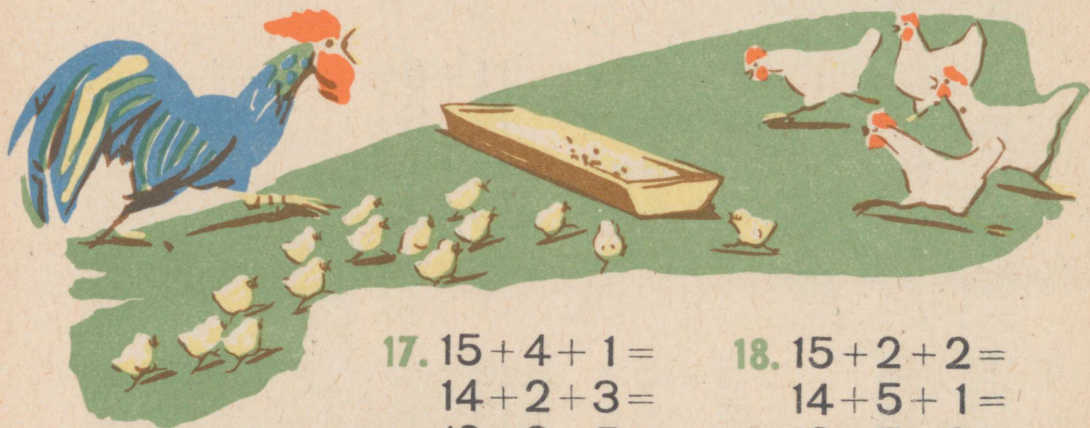
9.  $12+6=$     10.  $20-6=$     11.  $11+6=$     12.  $13+6=$   
 $14+6=$      $18-6=$      $19-6=$      $18-6=$   
 $11+6=$      $19-6=$      $14+6=$      $12+6=$   
 $13+6=$      $17-6=$      $20-6=$      $17-6=$

1.  $14+5=$     2.  $5+15=$     3.  $15+5=$     4.  $11+5=$   
 $5+13=$      $18-5=$      $18-6=$      $17-5=$   
 $17-5=$      $12+5=$      $6+11=$      $6+12=$   
 $5+14=$      $5+12=$      $19-5=$      $13+6=$

5.  $11+6=$     6.  $6+14=$     7.  $12+6=$     8.  $5+14=$   
 $20-5=$      $13+5=$      $16-5=$      $17-6=$   
 $6+13=$      $20-6=$      $5+13=$      $14+5=$   
 $14+6=$      $5+11=$      $19-6=$      $6+11=$

9.  $6 + 14 =$     10.  $15 + 5 =$     11.  $5 + 12 =$     12.  $5 + 15 =$   
 $19 - 5 =$      $18 - 5 =$      $11 + 6 =$      $20 - 6 =$   
 $6 + 12 =$      $6 + 13 =$      $17 - 5 =$      $11 + 5 =$   
 $18 - 6 =$      $12 + 5 =$      $5 + 14 =$      $12 + 6 =$

13.  $13 + 6 =$     14.  $6 + 11 =$     15.  $12 + 5 =$     16.  $6 + 12 =$   
 $16 - 5 =$      $14 + 6 =$      $20 - 6 =$      $15 + 5 =$   
 $6 + 14 =$      $19 - 5 =$      $5 + 11 =$      $18 - 5 =$   
 $17 - 6 =$      $5 + 13 =$      $20 - 5 =$      $6 + 13 =$



17.  $15 + 4 + 1 =$     18.  $15 + 2 + 2 =$   
 $14 + 2 + 3 =$      $14 + 5 + 1 =$   
 $12 + 2 + 5 =$      $12 + 5 + 2 =$   
 $12 + 5 + 3 =$      $13 + 2 + 2 =$

19.  $3 + 12 + 5 =$     20.  $2 + 2 + 14 =$   
 $2 + 11 + 2 =$      $4 + 2 + 12 =$   
 $4 + 13 + 2 =$      $3 + 3 + 11 =$   
 $3 + 12 + 2 =$      $3 + 2 + 14 =$

1.  $17 - 2 - 2 =$   
 $14 - 3 - 2 =$   
 $18 - 2 - 1 =$   
 $17 - 2 - 5 =$

2.  $19 - 2 - 1 =$   
 $20 - 6 - 2 =$   
 $20 - 2 - 3 =$   
 $19 - 4 - 2 =$

3.  $18 - 5 - 1 =$   
 $15 - 2 - 2 =$   
 $19 - 3 - 2 =$   
 $17 - 3 - 4 =$

4.  $19 - 6 - 2 =$   
 $18 - 2 - 2 =$   
 $16 - 3 - 3 =$   
 $19 - 2 - 4 =$

5.  $19 - 6 + 2 =$   
 $17 - 2 + 1 =$   
 $18 - 5 + 3 =$   
 $19 - 4 + 5 =$

6.  $20 - 7 + 3 =$   
 $16 - 2 + 4 =$   
 $18 - 6 + 1 =$   
 $19 - 5 + 2 =$



7.  $18 + 2 - 4 =$   
 $15 + 2 - 3 =$   
 $17 + 2 - 6 =$   
 $18 + 2 - 5 =$

8.  $20 - 9 + 1 =$   
 $16 + 3 - 6 =$   
 $20 - 6 + 5 =$   
 $16 + 3 - 6 =$



A

$$11 + 7 =$$

$$7 + 11 =$$

$$18 - 7 =$$



B

$$12 + 7 =$$

$$7 + 12 =$$

$$19 - 7 =$$

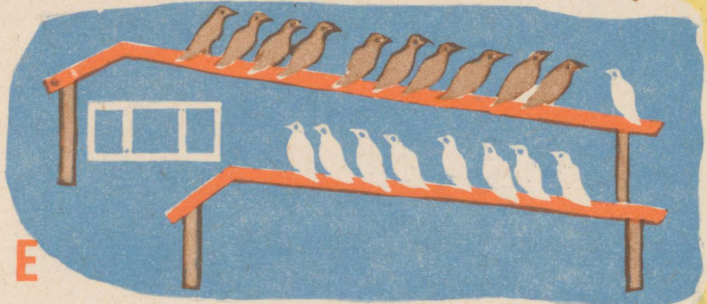


D

$$13 + 7 =$$

$$7 + 13 =$$

$$20 - 7 =$$



E

$$11 + 8 =$$

$$8 + 11 =$$

$$19 - 8 =$$

$$12 + 8 =$$
$$8 + 12 =$$
$$20 - 8 =$$



$$11 + 9 =$$
$$9 + 11 =$$
$$20 - 9 =$$

1.	$11 + 7 =$	2.	$7 + 12 =$	3.	$20 - 7 =$	4.	$12 + 8 =$
	$7 + 11 =$		$19 - 7 =$		$11 + 8 =$		$8 + 12 =$
	$18 - 7 =$		$13 + 7 =$		$8 + 11 =$		$20 - 8 =$
	$12 + 7 =$		$7 + 13 =$		$19 - 8 =$		$11 + 9 =$

1.	$9 + 11 =$	2.	$8 + 12 =$	3.	$12 + 7 =$	4.	$7 + 12 =$
	$20 - 9 =$		$20 - 8 =$		$9 + 11 =$		$9 + 11 =$
	$8 + 11 =$		$7 + 11 =$		$18 - 7 =$		$19 - 7 =$
	$12 + 8 =$		$11 + 8 =$		$11 + 7 =$		$13 + 7 =$

5.  $11 + 9 =$     6.  $7 + 12 =$     7.  $7 + 13 =$     8.  $7 + 11 =$   
 $20 - 7 =$      $9 + 11 =$      $20 - 9 =$      $11 + 8 =$   
 $7 + 13 =$      $18 - 7 =$      $8 + 12 =$      $19 - 8 =$   
 $19 - 8 =$      $8 + 11 =$      $20 - 7 =$      $12 + 7 =$

9.  $11 + 7 =$     10.  $12 + 8 =$     11.  $12 + 7 =$     12.  $11 + 9 =$   
 $20 - 8 =$      $19 - 8 =$      $19 - 7 =$      $7 + 12 =$   
 $13 + 7 =$      $11 + 9 =$      $8 + 11 =$      $20 - 8 =$   
 $19 - 7 =$      $7 + 11 =$      $11 + 7 =$      $8 + 12 =$

13.  $7 + 12 =$     14.  $7 + 13 =$     15.  $13 + 7 =$     16.  $7 + 11 =$   
 $11 + 8 =$      $18 - 7 =$      $20 - 7 =$      $20 - 9 =$   
 $20 - 9 =$      $8 + 12 =$      $9 + 11 =$      $12 + 7 =$   
 $9 + 11 =$      $20 - 8 =$      $12 + 8 =$      $8 + 11 =$

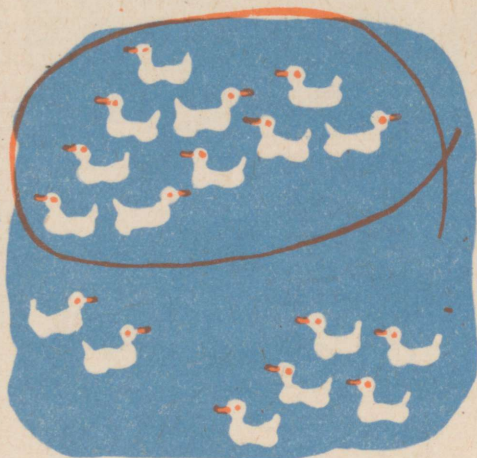
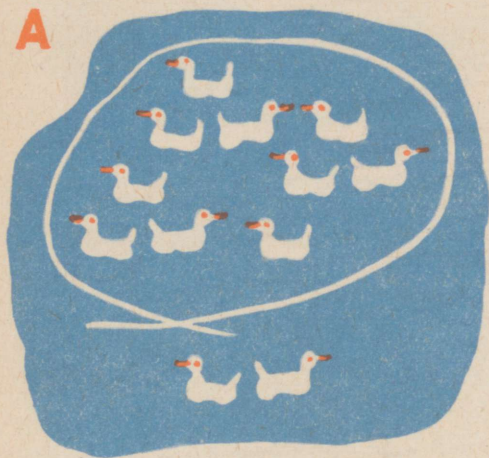
17.  $11 + 9 =$     18.  $12 + 7 =$     19.  $7 + 12 =$     20.  $11 + 7 =$   
 $20 - 7 =$      $8 + 11 =$      $13 + 7 =$      $19 - 7 =$   
 $12 + 8 =$      $19 - 8 =$      $18 - 7 =$      $8 + 12 =$   
 $11 + 7 =$      $7 + 13 =$      $11 + 8 =$      $19 - 8 =$

1.  $4 + 7 =$     2.  $2 + 8 =$     3.  $3 + 7 =$     4.  $8 - 7 =$   
 $11 + 7 =$      $12 + 8 =$      $13 + 7 =$      $18 - 7 =$   
 $2 + 7 =$      $1 + 9 =$      $1 + 8 =$      $9 - 7 =$   
 $12 + 7 =$      $11 + 9 =$      $11 + 8 =$      $19 - 7 =$

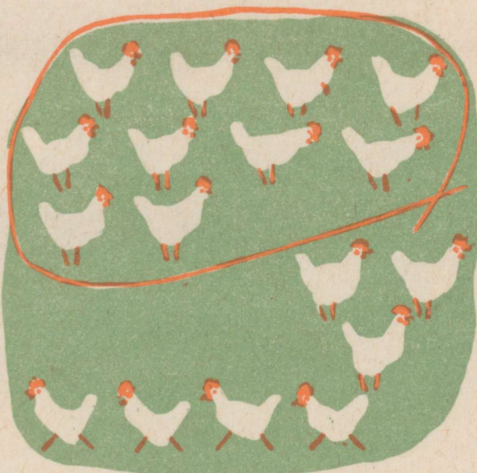
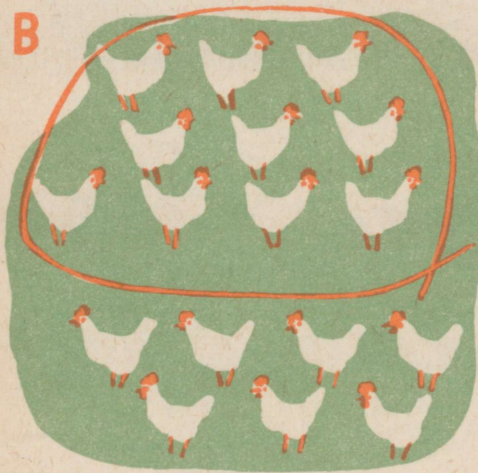
# KORDAMISEKS.

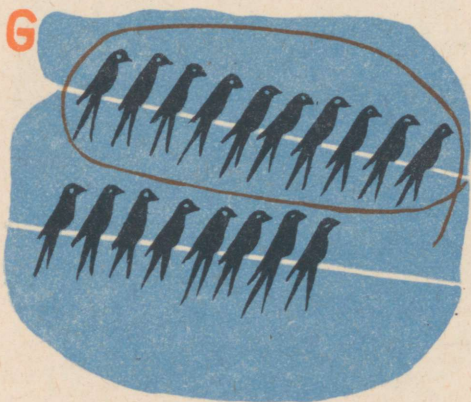
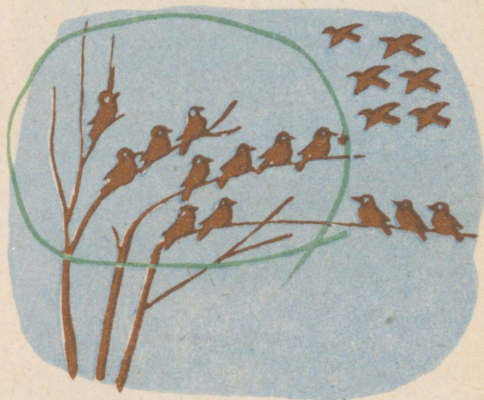
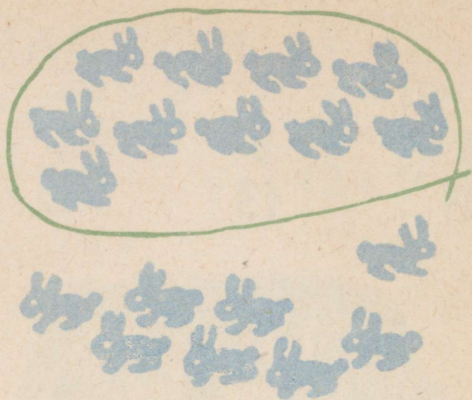
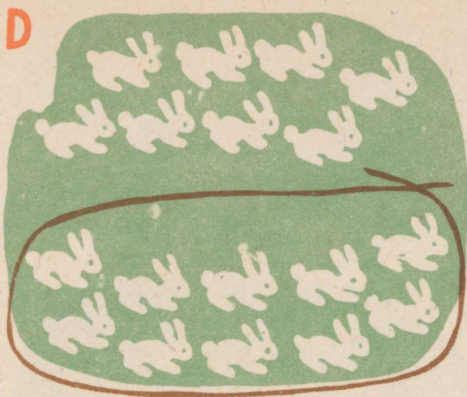
1 2 3 4 5 6 7 8 9 10  
11 12 13 14 15 16 17 18 19 20

**A**

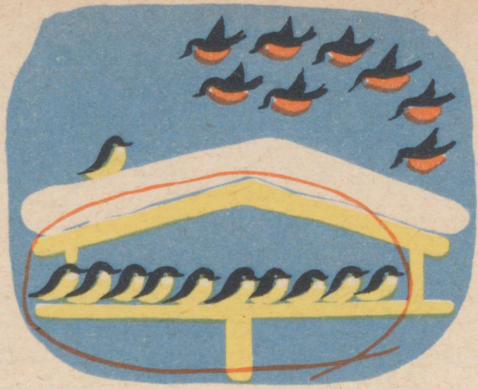
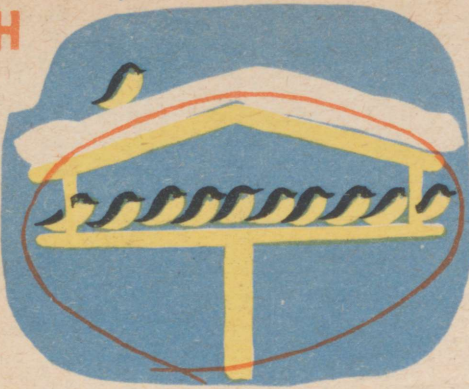


**B**

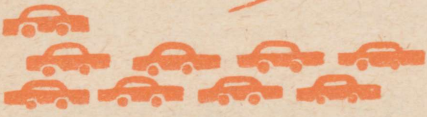
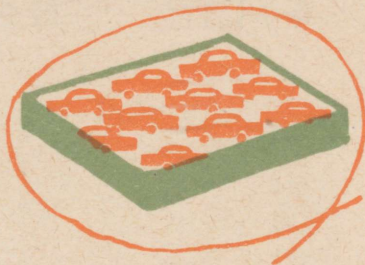
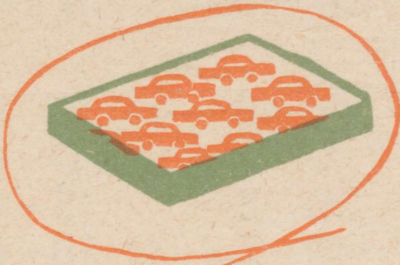




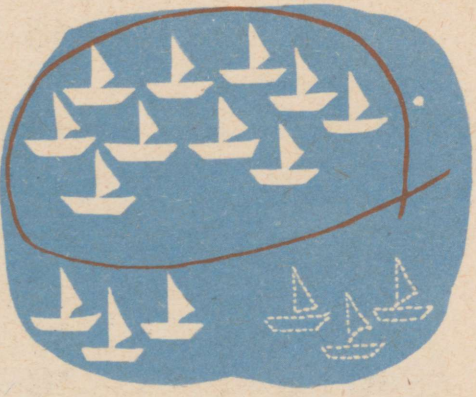
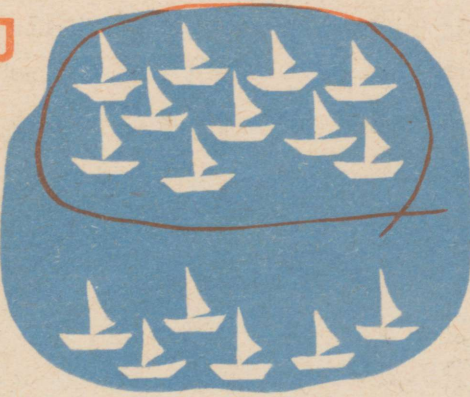
H



I



J



1.  $11 + 5 =$     2.  $16 + 3 =$     3.  $12 + 6 =$     4.  $10 + 5 =$   
 $13 + 6 =$      $11 + 9 =$      $15 + 4 =$      $18 + 0 =$   
 $15 + 3 =$      $11 + 8 =$      $10 + 8 =$      $19 + 1 =$   
 $11 + 7 =$      $13 + 1 =$      $14 + 5 =$      $2 + 10 =$

5.  $2 + 18 =$     6.  $5 + 14 =$     7.  $9 + 11 =$     8.  $4 + 13 =$   
 $7 + 11 =$      $8 + 12 =$      $7 + 12 =$      $3 + 15 =$   
 $2 + 16 =$      $0 + 18 =$      $4 + 11 =$      $4 + 12 =$   
 $4 + 10 =$      $8 + 11 =$      $4 + 15 =$      $6 + 11 =$

9.  $19 - 5 =$     10.  $16 - 4 =$     11.  $17 - 6 =$     12.  $19 - 8 =$   
 $15 - 3 =$      $20 - 8 =$      $19 - 7 =$      $20 - 9 =$   
 $18 - 4 =$      $18 - 3 =$      $20 - 8 =$      $15 - 4 =$   
 $19 - 2 =$      $19 - 6 =$      $19 - 5 =$      $18 - 6 =$

13.  $14 + 4 + 2 =$     14.  $14 + 2 + 3 =$     15.  $14 + 1 + 5 =$   
 $13 - 1 + 3 =$      $16 + 2 + 2 =$      $15 + 2 + 3 =$   
 $12 + 6 + 2 =$      $12 + 4 + 2 =$      $13 + 3 + 3 =$   
 $13 + 4 + 2 =$      $13 + 4 + 3 =$      $12 + 2 + 4 =$

16.  $14 + 2 + 4 =$     17.  $16 - 2 - 4 =$     18.  $15 - 2 - 3 =$   
 $13 + 2 + 5 =$      $18 - 6 - 1 =$      $17 - 2 - 2 =$   
 $12 + 4 + 4 =$      $19 - 2 - 2 =$      $18 - 2 - 5 =$   
 $16 + 3 + 1 =$      $18 - 2 - 4 =$      $20 - 9 - 1 =$

1.  $5+12+2=$   
 $2+12+2=$   
 $2+14+2=$   
 $3+12+4=$

2.  $3+5+12=$   
 $4+2+12=$   
 $2+3+13=$   
 $3+3+14=$

3.  $11+4+3=$   
 $13+6+1=$   
 $11+6+1=$   
 $13+2+4=$

4.  $20-6-3=$   
 $17-3-3=$   
 $20-5-2=$   
 $19-5-2=$

5.  $12+3+4=$   
 $19-5-2=$   
 $10+5+2=$   
 $19-2-4=$

6.  $14+3+2=$   
 $18-3-5=$   
 $12+5+2=$   
 $18-6-2=$

A

$9+2=$   
 $2+9=$



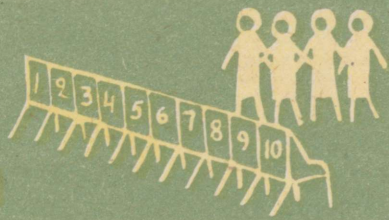
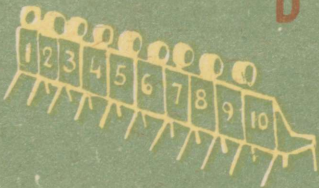
B

$9+3=$   
 $3+9=$



D

$9+4=$   
 $4+9=$



**E**

$9 + 5 =$   
 $5 + 9 =$

**G**

$9 + 6 =$   
 $6 + 9 =$

**H**

$9 + 7 =$   
 $7 + 9 =$

**I**

$9 + 5 =$   
 $5 + 9 =$

**I**

$9 + 8 =$   
 $8 + 9 =$

**J**

$9 + 9 =$

# K

$9 + 2 =$

$2 + 9 =$



# L

$9 + 5 =$

$5 + 9 =$



# M

$9 + 6 =$

$6 + 9 =$



# N

$9 + 3 =$

$3 + 9 =$

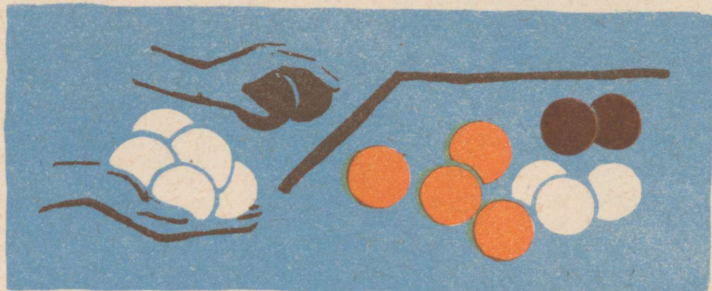




O

$$9 + 4 =$$

$$4 + 9 =$$



P

$$9 + 7 =$$

$$7 + 9 =$$



R

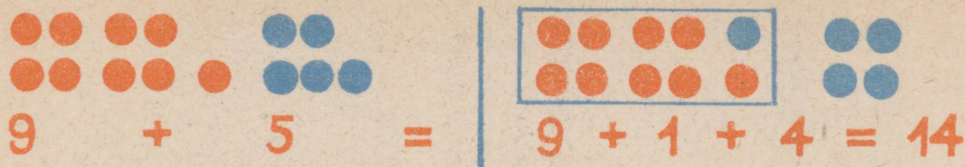
$$9 + 8 =$$

$$8 + 9 =$$



S

$$9 + 9 =$$



## ENNE LIIDA 1, SIIS VEEL 4.

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

5. $9 + 1 + 3 =$	6. $9 + 1 + 1 =$	7. $9 + 1 + 2 =$
$9 + 4 =$	$9 + 2 =$	$9 + 3 =$
$9 + 1 + 5 =$	$9 + 1 + 4 =$	$9 + 1 + 6 =$
$9 + 6 =$	$9 + 5 =$	$9 + 7 =$

8. $9 + 5 =$	9. $9 + 2 =$	10. $9 + 7 =$	11. $9 + 5 =$
$3 + 9 =$	$9 + 5 =$	$9 + 9 =$	$5 + 9 =$
$9 + 1 =$	$9 + 3 =$	$9 + 6 =$	$9 + 8 =$
$2 + 9 =$	$9 + 4 =$	$9 + 8 =$	$8 + 9 =$

12. $9 + 7 =$	13. $9 + 5 =$	14. $9 + 1 =$	15. $9 + 10 =$
$7 + 9 =$	$2 + 9 =$	$4 + 9 =$	$8 + 9 =$
$9 + 4 =$	$9 + 7 =$	$9 + 8 =$	$9 + 7 =$
$4 + 9 =$	$6 + 9 =$	$9 + 9 =$	$6 + 9 =$

16.  $9 + 2 + 5 =$   
 $5 + 9 + 4 =$   
 $9 + 6 + 1 =$   
 $7 + 9 + 3 =$

17.  $9 + 8 + 2 =$   
 $9 + 9 + 1 =$   
 $4 + 9 + 6 =$   
 $9 + 2 + 5 =$

18.  $9 + 2 + 5 =$   
 $5 + 9 + 2 =$   
 $4 + 9 + 3 =$   
 $9 + 3 + 4 =$

**A**

$8 + 3 =$   
 $3 + 8 =$

**B**

$8 + 4 =$   
 $4 + 8 =$

**D**

$8 + 5 =$   
 $5 + 8 =$

**E**

$8 + 6 =$   
 $6 + 8 =$



G

$8 + 7 =$

$7 + 8 =$



H

$8 + 8 =$



1.  $8 + 3 =$   
 $8 + 5 =$   
 $8 + 8 =$   
 $8 + 7 =$

2.  $4 + 8 =$   
 $6 + 8 =$   
 $3 + 8 =$   
 $7 + 8 =$

3.  $8 + 3 =$   
 $3 + 8 =$   
 $8 + 5 =$   
 $5 + 8 =$

4.  $8 + 6 =$   
 $6 + 8 =$   
 $7 + 8 =$   
 $8 + 7 =$



I

$8 + 4 =$   
 $4 + 8 =$



J

$8 + 6 =$   
 $6 + 8 =$

K

$8 + 5 =$   
 $5 + 8 =$





$8 + 8 =$



$8 + 7 =$

$7 + 8 =$



$8 + 3 =$

$3 + 8 =$



$8 + 10 =$

$10 + 8 =$



$8 + 3 =$



$8 + 2 + 1 = 11$

**ENNE LIIDA 2, SIIS VEEL 1.**

- |                |                |                |                |
|----------------|----------------|----------------|----------------|
| 1. $8 = 2 + .$ | 2. $6 = 2 + .$ | 3. $2 + . = 5$ | 4. $. + 2 = 4$ |
| $5 = 2 + .$    | $3 = 2 + .$    | $2 + . = 8$    | $. + 2 = 6$    |
| $4 = 2 + .$    | $7 = 2 + .$    | $2 + . = 7$    | $. + 2 = 5$    |
| $9 = 2 + .$    | $4 = 2 + .$    | $2 + . = 9$    | $. + 2 = 7$    |

$5. 8+2+5=$

$8+7=$

$8+2+3=$

$8+5=$

$6. 8+2+4=$

$8+6=$

$8+2+6=$

$8+8=$

$7. 8+2+7=$

$8+9=$

$8+2+2=$

$8+4=$

$8. 8+9=$

$9+8=$

$8+7=$

$8+4=$

$9. 8+4=$

$8+6=$

$8+5=$

$8+3=$

$10. 8+5=$

$8+8=$

$8+7=$

$8+9=$

$11. 8+3=$

$8+5=$

$8+8=$

$8+6=$

$12. 8+4=$

$8+7=$

$8+6=$

$8+3=$

$13. 8+7=$

$5+8=$

$8+6=$

$7+8=$

$14. 3+8=$

$8+8=$

$6+8=$

$8+5=$

$15. 4+8=$

$8+7=$

$5+8=$

$3+8=$

$16. 8+2+1=$

$8+3=$

$8+2+4=$

$8+6=$

$17. 8+3+2=$

$8+5+4=$

$8+7+3=$

$8+6+2=$

$18. 8+5+3=$

$4+8+2=$

$8+3+1=$

$6+8+5=$

$1. 9+7=$

$6+8=$

$4+9=$

$8+5=$

$2. 8+4=$

$6+9=$

$8+8=$

$9+3=$

$3. 9+8=$

$8+3=$

$2+9=$

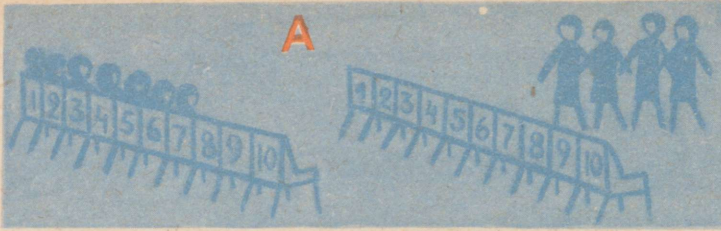
$8+9=$

$4. 3+8=$

$5+9=$

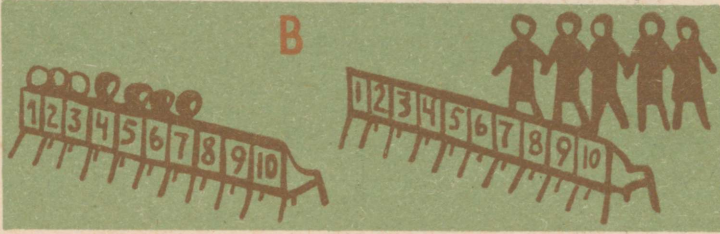
$8+7=$

$9+9=$



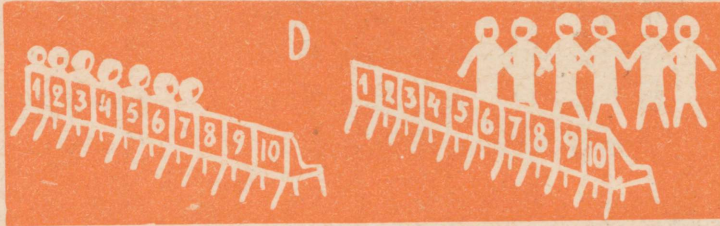
$$7 + 4 =$$

$$4 + 7 =$$



$$7 + 5 =$$

$$5 + 7 =$$



$$7 + 6 =$$

$$6 + 7 =$$



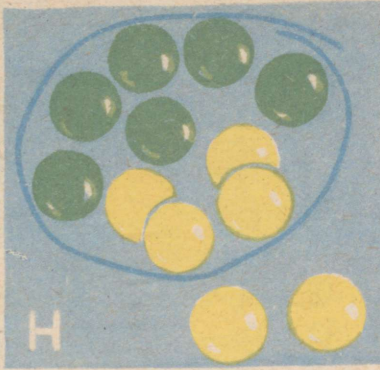
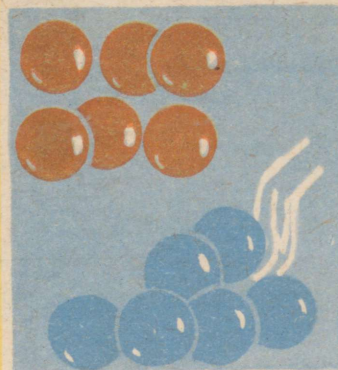
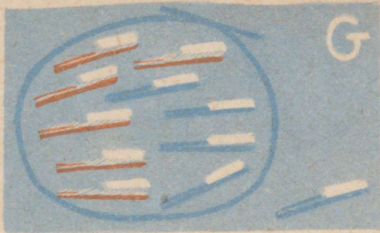
$$7 + 7 =$$



$6 + 5 =$

$5 + 6 =$

$6 + 6 =$



1.  $7 + 4 =$

$5 + 7 =$

$7 + 6 =$

$7 + 7 =$

2.  $6 + 5 =$

$5 + 6 =$

$6 + 6 =$

$6 + 7 =$

3.  $7 + 5 =$

$7 + 4 =$

$7 + 6 =$

$7 + 7 =$

4.  $4 + 7 =$

$6 + 7 =$

$7 + 7 =$

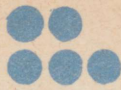
$5 + 7 =$





7

+



5

=



7

+

3

+

2

=

12

**ENNE LIIDA NII PALJU,  
ET 10 TÄIS SAAB, SIIS  
ÜLEJÄÄNUD OSA.**

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

5.  $9+5=$     6.  $8+4=$     7.  $7+5=$     8.  $7+6=$   
 $9+9=$      $7+8=$      $7+7=$      $8+3=$   
 $4+9=$      $8+5=$      $4+7=$      $9+7=$   
 $9+7=$      $9+8=$      $7+9=$      $7+7=$

9.  $8+9=$     10.  $7+4=$     11.  $6+5=$     12.  $6+6=$   
 $7+8=$      $9+8=$      $8+6=$      $7+7=$   
 $9+6=$      $8+5=$      $6+7=$      $8+8=$   
 $7+5=$      $7+8=$      $9+6=$      $9+9=$

13.  $2+3+8=$     14.  $2+3+6=$     15.  $3+6+7=$   
 $3+7+8=$      $2+4+5=$      $3+3+6=$   
 $3+9+7=$      $4+6+6=$      $4+5+7=$   
 $3+3+7=$      $4+7+7=$      $2+7+8=$

16.  $3+8+8=$      $3+4+6=$   
 $4+9+6=$      $5+6+7=$

17.  $4+5+9=$

$2+5+7=$

$2+4+6=$

$3+4+7=$

18.  $6+6+7=$

$2+2+9=$

$4+4+9=$

$4+4+5=$

19.  $4+7+9=$

$8+2+2=$

$2+9+9=$

$3+2+6=$

20.  $3+5+6=$

$5+6+8=$

$4+6+7=$

$2+9+8=$

1.  $3+3+5=$

$2+6+7=$

$3+7+8=$

$2+4+8=$

2.  $9+7+2=$

$5+3+5=$

$6+6+6=$

$4+4+6=$

3.  $2+3+9=$

$9+4+2=$

$2+2+7=$

$6+3+3=$

4.  $3+5+5=$

$9+8+3=$

$9+5+2=$

$8+6+4=$

5.  $5+5+4=$

$7+4+2=$

$8+2+2=$

$7+7+4=$

6.  $8+5+3=$

$9+9+2=$

$8+8+2=$

$7+5+2=$

7.  $9+7+4=$

$9+2+2=$

$8+9+2=$

$7+3+2=$

8.  $9+5+4=$

$8+6+2=$

$6+5+4=$

$7+6+4=$

9.  $8+8+3=$

$7+4+4=$

$8+8+4=$

$9+3+2=$

10.  $7+3+3=$

$7+2+9=$

$3+2+6=$

$6+3+3=$

11.  $8+9+2=$

$6+7+5=$

$6+8+6=$

$4+6+7=$

12.  $7+8+3=$

$5+4+9=$

$5+3+5=$

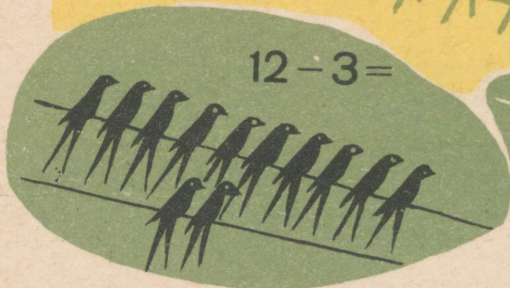
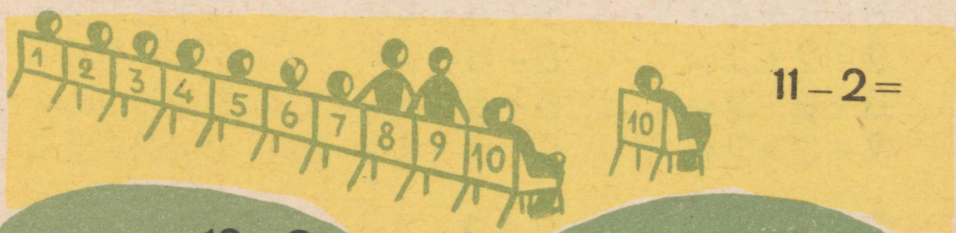
$6+5+6=$

<b>13.</b> $5+4=$	<b>14.</b> $9+2=$	<b>15.</b> $7+7=$	<b>16.</b> $9+11=$
$7+4=$	$8+5=$	$7+5=$	$6+9=$
$3+8=$	$7+4=$	$8+9=$	$8+6=$
$6+5=$	$8+6=$	$9+5=$	$9+7=$

<b>17.</b> $7+8=$	<b>18.</b> $6+7=$	<b>19.</b> $6+9=$	<b>20.</b> $7+5=$
$6+6=$	$9+9=$	$7+7=$	$3+8=$
$8+7=$	$9+7=$	$9+3=$	$9+5=$
$7+9=$	$8+8=$	$7+6=$	$8+4=$

<b>1.</b> $6+5=$	<b>2.</b> $8+3=$	<b>3.</b> $7+6=$	<b>4.</b> $9+4=$
$6+9=$	$2+9=$	$9+7=$	$5+9=$
$9+8=$	$7+8=$	$4+8=$	$9+8=$
$8+6=$	$5+7=$	$7+4=$	$7+6=$

<b>5.</b> $5+6=$	<b>6.</b> $9+5=$	<b>7.</b> $7+8=$	<b>8.</b> $8+9=$
$7+9=$	$6+7=$	$9+6=$	$6+8=$
$9+8=$	$8+7=$	$9+3=$	$8+8=$
$8+9=$	$9+9=$	$6+6=$	$3+9=$



$11 - 4 =$



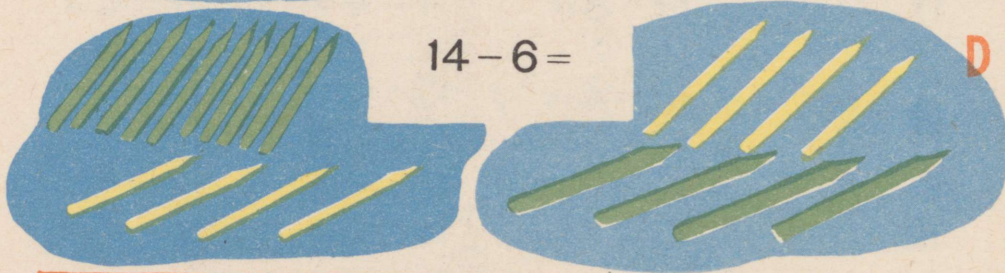
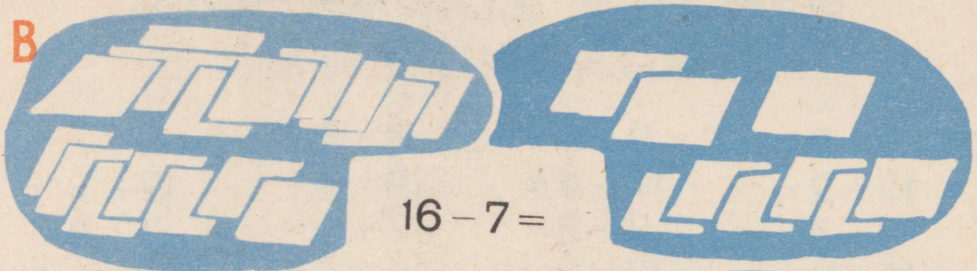
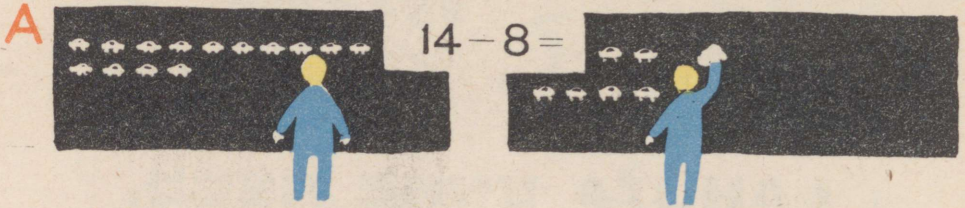
**LAHUTA ENNE NEED,  
MIS ÜLE KÜMNE, SIIS  
ÜLEJÄÄNUD OSA.**

1.  $9 + 2 =$     2.  $9 + 4 =$     3.  $8 + 4 =$     4.  $8 + 7 =$   
 $11 - 2 =$      $11 - 4 =$      $12 - 4 =$      $12 - 3 =$   
 $9 + 3 =$      $8 + 3 =$      $7 + 4 =$      $7 + 6 =$   
 $11 - 3 =$      $12 - 3 =$      $11 - 4 =$      $11 - 4 =$
5.  $11 - 3 =$     6.  $13 - 4 =$     7.  $13 - 4 =$     8.  $12 - 3 =$   
 $11 - 2 =$      $12 - 3 =$      $11 - 2 =$      $13 - 4 =$   
 $11 - 4 =$      $11 - 3 =$      $11 - 4 =$      $12 - 4 =$   
 $12 - 3 =$      $12 - 4 =$      $11 - 3 =$      $11 - 3 =$



$12 - 9 =$

# LAHUTA KÜMNEST JA LIIDA SEE, MIS ÜLE ON.



1. $15 - 9 =$	2. $17 - 9 =$	3. $12 - 8 =$	4. $17 - 8 =$
$13 - 9 =$	$16 - 9 =$	$14 - 8 =$	$15 - 8 =$
$11 - 9 =$	$14 - 9 =$	$11 - 8 =$	$18 - 8 =$
$12 - 9 =$	$18 - 9 =$	$13 - 8 =$	$16 - 8 =$

5. $18 - 9 =$	6. $17 - 9 =$	7. $16 - 9 =$	8. $12 - 9 =$
$13 - 8 =$	$11 - 9 =$	$15 - 8 =$	$11 - 8 =$
$14 - 9 =$	$15 - 8 =$	$16 - 8 =$	$15 - 9 =$
$17 - 8 =$	$12 - 9 =$	$12 - 8 =$	$13 - 8 =$

9. $14 - 7 =$	10. $15 - 7 =$	11. $13 - 6 =$	12. $11 - 5 =$
$12 - 7 =$	$16 - 7 =$	$15 - 6 =$	$14 - 5 =$
$11 - 7 =$	$12 - 6 =$	$14 - 6 =$	$13 - 5 =$
$13 - 7 =$	$11 - 6 =$	$12 - 5 =$	$11 - 4 =$

13. $12 - 4 =$	14. $11 - 2 =$	15. $11 - 7 =$	16. $12 - 7 =$
$13 - 4 =$	$12 - 5 =$	$12 - 9 =$	$13 - 6 =$
$11 - 3 =$	$14 - 5 =$	$13 - 8 =$	$16 - 7 =$
$12 - 3 =$	$16 - 7 =$	$11 - 6 =$	$12 - 6 =$

17. $15 - 6 =$	18. $12 - 7 =$	19. $13 - 5 =$	20. $14 - 5 =$
$13 - 8 =$	$17 - 9 =$	$11 - 7 =$	$16 - 7 =$
$14 - 7 =$	$11 - 3 =$	$13 - 9 =$	$12 - 4 =$
$11 - 5 =$	$15 - 9 =$	$11 - 6 =$	$11 - 8 =$

1.  $18 - 9 =$       2.  $14 - 9 =$       3.  $12 - 5 =$       4.  $11 - 2 =$   
 $14 - 6 =$        $15 - 7 =$        $12 - 6 =$        $16 - 9 =$   
 $12 - 3 =$        $11 - 7 =$        $16 - 8 =$        $14 - 8 =$   
 $17 - 8 =$        $16 - 7 =$        $14 - 6 =$        $11 - 9 =$

5.  $13 - 4 =$       6.  $13 - 6 =$       7.  $13 - 6 =$       8.  $14 - 5 =$   
 $15 - 8 =$        $12 - 8 =$        $12 - 7 =$        $12 - 6 =$   
 $13 - 5 =$        $13 - 7 =$        $11 - 8 =$        $15 - 6 =$   
 $12 - 9 =$        $17 - 8 =$        $16 - 8 =$        $18 - 9 =$

1.  $11 - 2 - 2 =$       2.  $12 - 5 - 2 =$       3.  $18 - 9 - 5 =$   
 $14 - 9 - 2 =$        $13 - 2 - 8 =$        $15 - 6 - 2 =$   
 $13 - 7 - 2 =$        $19 - 4 - 6 =$        $13 - 4 - 2 =$   
 $16 - 8 - 7 =$        $16 - 2 - 5 =$        $16 - 9 - 4 =$

4.  $12 - 3 - 2 =$       5.  $18 - 5 - 4 =$       6.  $14 - 5 - 4 =$   
 $20 - 8 - 6 =$        $14 - 8 - 2 =$        $20 - 3 - 8 =$   
 $14 - 5 - 2 =$        $19 - 4 - 7 =$        $16 - 9 - 6 =$   
 $15 - 2 - 4 =$        $16 - 2 - 6 =$        $18 - 5 - 7 =$

7.  $19 - 8 - 3 =$       8.  $20 - 6 - 5 =$       9.  $14 - 9 - 4 =$   
 $12 - 5 - 4 =$        $17 - 5 - 3 =$        $12 - 4 - 2 =$   
 $16 - 3 - 4 =$        $19 - 3 - 7 =$        $20 - 8 - 9 =$   
 $14 - 8 - 4 =$        $16 - 7 - 7 =$        $20 - 7 - 6 =$



10.  $13 - 4 - 4 =$       11.  $16 - 4 - 6 =$       12.  $16 - 3 - 6 =$

$11 - 4 - 2 =$        $11 - 8 - 2 =$        $17 - 2 - 6 =$

$18 - 9 - 7 =$        $13 - 5 - 4 =$        $15 - 9 - 3 =$

$14 - 5 - 3 =$        $20 - 7 - 4 =$        $20 - 6 - 7 =$

13.  $19 - 8 - 5 =$       14.  $15 - 8 - 2 =$       15.  $16 - 7 - 6 =$

$12 - 5 - 6 =$        $14 - 3 - 5 =$        $17 - 9 - 2 =$

$14 - 2 - 4 =$        $11 - 2 - 6 =$        $12 - 3 - 4 =$

$18 - 5 - 8 =$        $16 - 7 - 6 =$        $17 - 5 - 2 =$

16.  $20 - 2 - 9 =$       17.  $11 - 2 - 3 =$

$16 - 7 - 2 =$        $16 - 4 - 3 =$

$17 - 9 - 5 =$        $15 - 8 - 4 =$

$18 - 6 - 4 =$        $12 - 4 - 7 =$

18.  $19 - 3 - 8 =$   
 $13 - 2 - 2 =$   
 $14 - 6 - 5 =$   
 $18 - 3 - 6 =$

19.  $18 - 3 - 6 =$   
 $20 - 6 - 8 =$   
 $12 - 8 - 3 =$   
 $15 - 4 - 6 =$

20.  $19 - 8 - 7 =$   
 $14 - 5 - 6 =$   
 $15 - 9 - 5 =$   
 $18 - 6 - 3 =$

1.  $20 - 7 - 8 =$   
 $16 - 7 - 8 =$   
 $12 - 9 - 2 =$   
 $17 - 2 - 8 =$

2.  $14 - 6 - 7 =$   
 $19 - 8 - 9 =$   
 $16 - 4 - 7 =$   
 $11 - 3 - 2 =$

3.  $16 - 8 - 2 =$   
 $14 - 3 - 3 =$   
 $15 - 6 - 3 =$   
 $13 - 2 - 4 =$

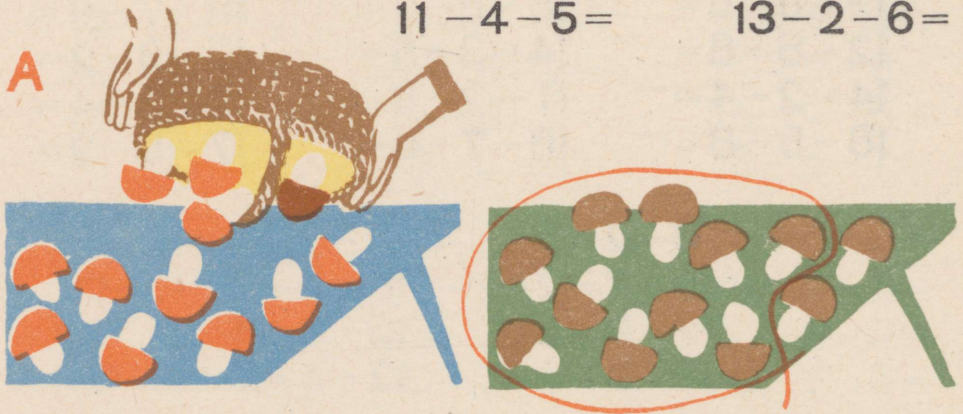
4.  $14 - 5 - 8 =$   
 $12 - 3 - 6 =$   
 $17 - 9 - 7 =$   
 $13 - 5 - 7 =$

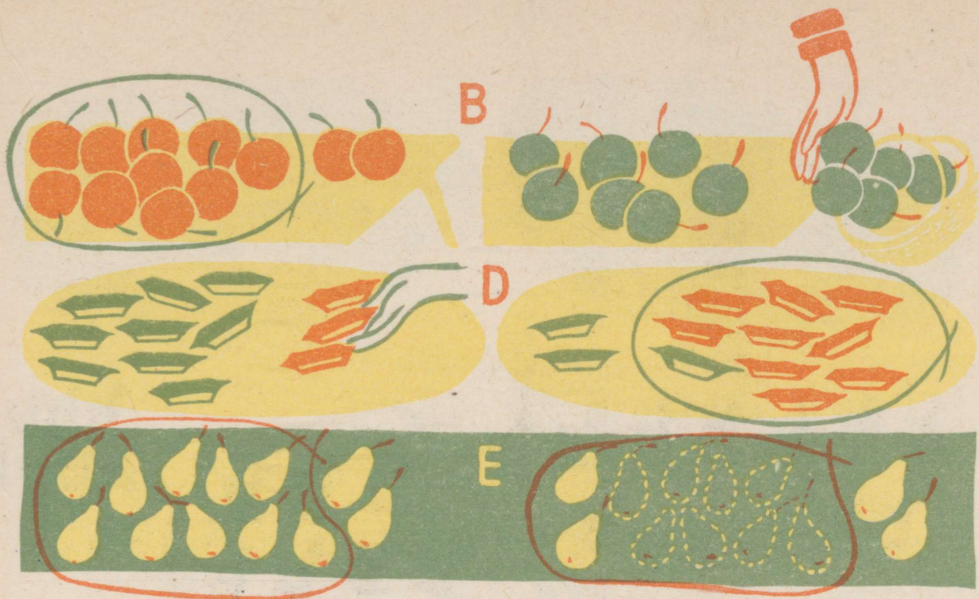
5.  $14 - 2 - 7 =$   
 $19 - 6 - 5 =$   
 $12 - 3 - 8 =$   
 $15 - 8 - 6 =$

6.  $13 - 7 - 5 =$   
 $11 - 3 - 4 =$   
 $16 - 3 - 8 =$   
 $18 - 9 - 5 =$

7.  $15 - 6 - 4 =$   
 $14 - 3 - 6 =$   
 $13 - 4 - 7 =$   
 $11 - 4 - 5 =$

8.  $18 - 9 - 3 =$   
 $17 - 5 - 3 =$   
 $20 - 8 - 4 =$   
 $13 - 2 - 6 =$



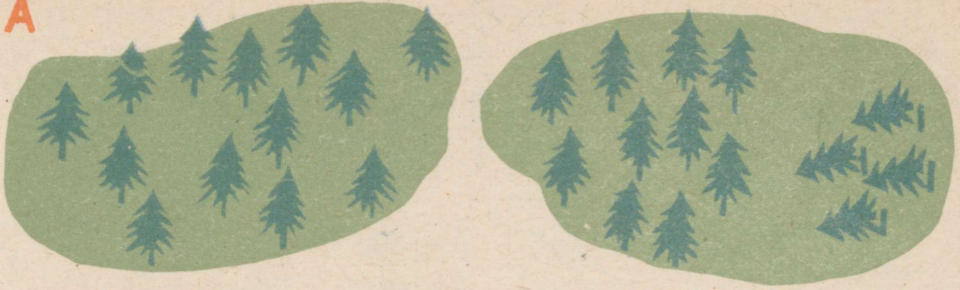


1.  $9 + 2 =$       2.  $9 + 4 =$       3.  $9 + 6 =$       4.  $8 + 3 =$   
 $11 - 2 =$        $11 - 4 =$        $11 - 6 =$        $12 - 3 =$   
 $9 + 3 =$        $9 + 5 =$        $9 + 7 =$        $8 + 4 =$   
 $11 - 3 =$        $11 - 5 =$        $9 + 8 =$        $12 - 4 =$

5.  $8 + 5 =$       6.  $6 + 6 =$       7.  $8 + 7 =$       8.  $6 + 5 =$   
 $12 - 6 =$        $12 - 5 =$        $13 - 4 =$        $12 - 7 =$   
 $7 + 4 =$        $8 + 6 =$        $7 + 6 =$        $8 + 8 =$   
 $13 - 6 =$        $7 + 5 =$        $13 - 5 =$        $14 - 5 =$

9.  $9 + 9 =$       10.  $9 + 8 =$       11.  $9 + 3 =$       12.  $9 + 9 =$   
 $15 - 6 =$        $14 - 6 =$        $11 - 2 =$        $12 - 4 =$   
 $8 + 4 =$        $7 + 7 =$        $8 + 7 =$        $7 + 6 =$   
 $16 - 7 =$        $15 - 7 =$        $12 - 5 =$        $16 - 7 =$

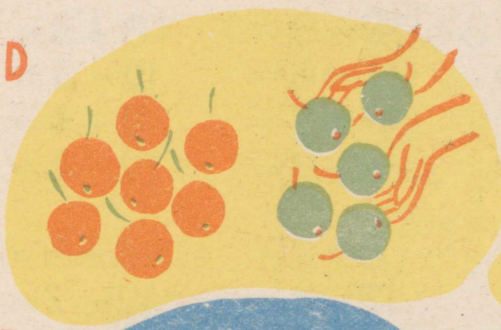
A



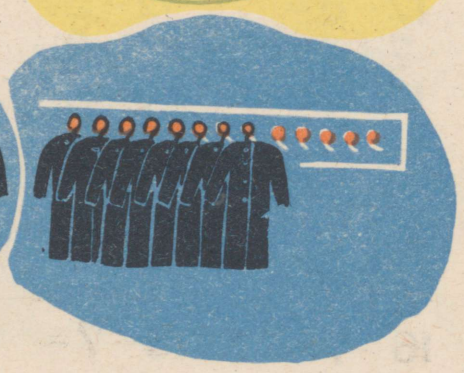
B



D



E

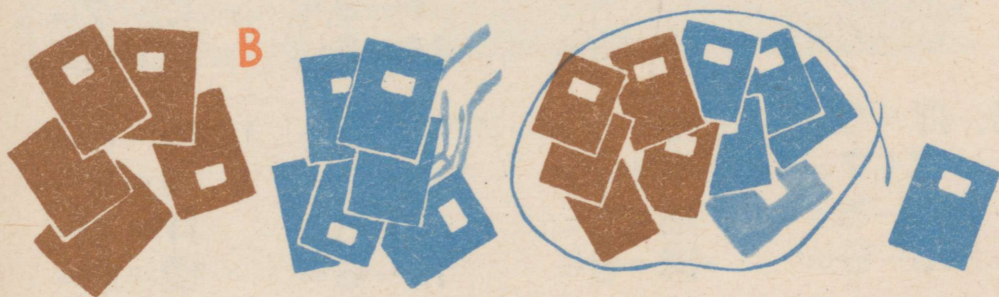


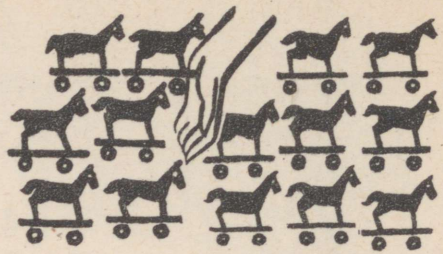
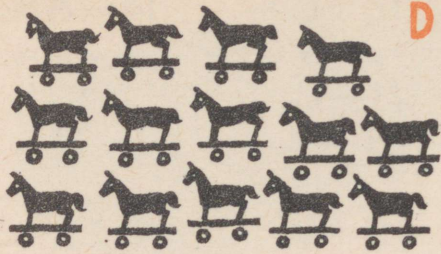
1.  $9+4=$   
 $11-5=$   
 $7+5=$   
 $6+6=$
2.  $13-5=$   
 $7+7=$   
 $12-6=$   
 $8+5=$
3.  $15-6=$   
 $7+4=$   
 $11-3=$   
 $8+8=$
4.  $14-5=$   
 $9+7=$   
 $12-3=$   
 $6+5=$
5.  $9+5=$   
 $12-7=$   
 $8+6=$   
 $11-4=$
6.  $7+4=$   
 $13-6=$   
 $8+9=$   
 $16-7=$
7.  $9+6=$   
 $15-7=$   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

A



B



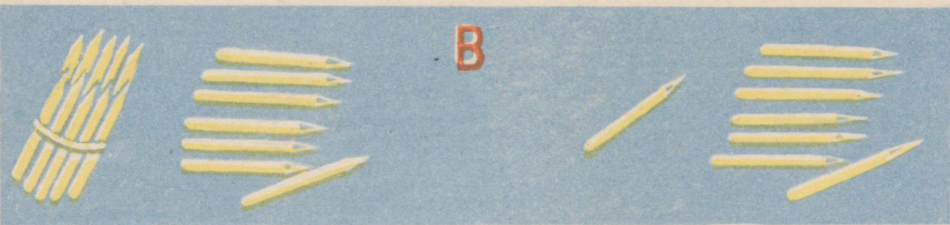


- |               |                |                |                |
|---------------|----------------|----------------|----------------|
| 1. $8 + 5 =$  | 2. $9 + 5 =$   | 3. $15 - 8 =$  | 4. $12 - 3 =$  |
| $11 - 8 =$    | $14 - 6 =$     | $7 + 4 =$      | $8 + 7 =$      |
| $7 + 6 =$     | $6 +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

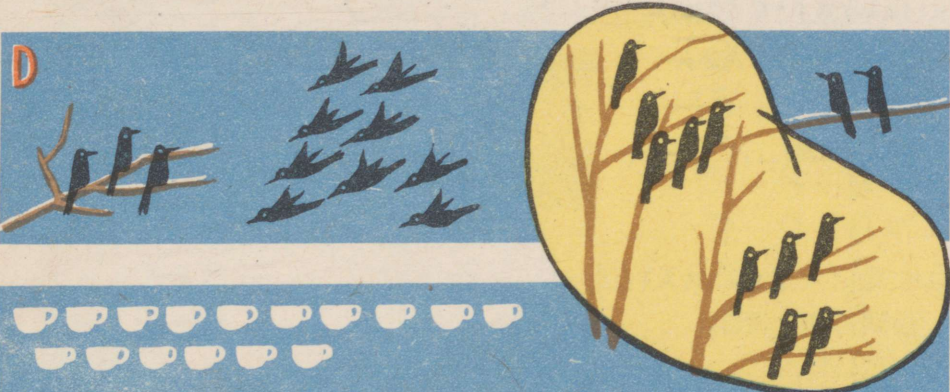
A



B



D



E

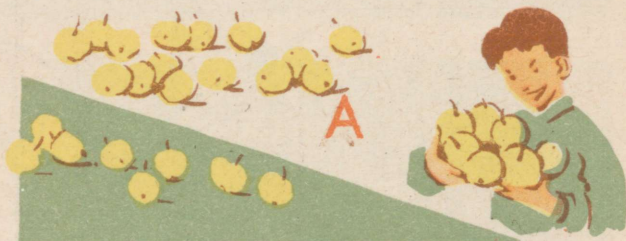


- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| 1. $15 - 6 =$ | 2. $12 - 5 =$ | 3. $15 - 9 =$ | 4. $13 - 8 =$ |
| $8 + 8 =$     | $9 + 8 =$     | $12 - 7 =$    | $9 + 5 =$     |
| $13 - 5 =$    | $11 - 3 =$    | $7 + 5 =$     | $11 - 5 =$    |
| $15 - 7 =$    | $13 - 9 =$    | $11 - 6 =$    | $9 + 9 =$     |

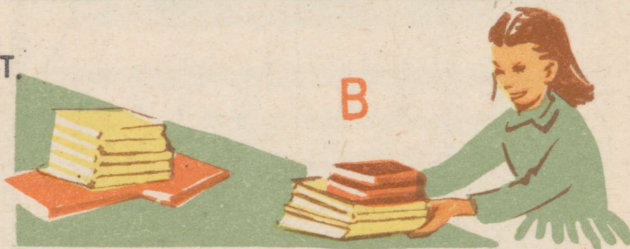
5. $12 - 7 =$	6. $7 + 6 =$	7. $13 - 8 =$	8. $15 - 8 =$
$6 + 5 =$	$12 - 7 =$	$9 + 5 =$	$13 - 6 =$
$13 - 5 =$	$15 - 9 =$	$12 - 4 =$	$8 + 7 =$
$8 + 9 =$	$8 + 4 =$	$14 - 7 =$	$11 - 7 =$

9. $7 + 5 =$	10. $16 - 9 =$	11. $15 - 7 =$	12. $7 + 4 =$
$15 - 6 =$	$9 + 7 =$	$8 + 6 =$	$12 - 6 =$
$9 + 2 =$	$13 - 4 =$	$11 - 5 =$	$9 + 6 =$
$11 - 4 =$	$17 - 8 =$	$13 - 7 =$	$16 - 8 =$

LAUAL OLI 15 ÕUNA.  
 JAAN VÕTTIS ÄRA  
 7 ÕUNA.  
 LAUALE JÄI...ÕUNA.



TIIUL OLI 7 RAA MATUT.  
 TA OSTIS JUURDE  
 5 VIHIKUT.  
 NÜÜD ON TIIUL...  
 RAA MATUT.



TÕNUL OLI...SULGE.  
 TA KINKIS ÄRA...SULGE.  
 TÕNULE JÄI...SULGE.



1.  $3+4+4=$     2.  $13-7+5=$     3.  $9-3+6=$   
 $5+4+2=$      $13-9+4=$      $13-5+3=$   
 $4+3+6=$      $9+4-10=$      $10-3+6=$   
 $12-3-2=$      $8+5-7=$      $13-5+4=$

4.  $4+9-13=$     5.  $5+5+3=$     6.  $7+7-5=$   
 $6+7-9=$      $19-6-9=$      $8+6-9=$   
 $13-6-6=$      $3+8-7=$      $5+9-7=$   
 $4+4+5=$      $6+6-8=$      $5+6-9=$

7.  $9+5-8=$     8.  $9-6+8=$     9.  $4+4+6=$   
 $12-8+5=$      $19-5-6=$      $7+7+9=$   
 $13-4+5=$      $14-9+8=$      $15-9+8=$   
 $11+3-6=$      $3+5+6=$      $15-8+6=$

10.  $11+4-7=$     11.  $15-7+6=$     12.  $15-8+9=$   
 $13-7+9=$      $9+6-8=$      $2+9+6=$   
 $12-7+8=$      $9+5-7=$      $16-9-5=$   
 $20-5-8=$      $3+5+7=$      $14-8+9=$

13.  $16-8-5=$     14.  $7+7-8=$     15.  $13-4+6=$   
 $13+3-7=$      $6+6-8=$      $7+9-8=$   
 $15-7+6=$      $20-4-7=$      $14-6+7=$   
 $8+8-9=$      $11-8+9=$      $7+4-5=$



16. $6 + 9 - 7 =$	17. $11 - 2 - 3 =$	18. $19 - 3 - 8 =$
$9 + 8 - 5 =$	$16 - 4 - 3 =$	$13 - 2 - 2 =$
$17 - 8 + 6 =$	$15 - 8 - 4 =$	$14 - 6 - 5 =$
$14 - 5 + 8 =$	$12 - 4 - 7 =$	$18 - 3 - 6 =$

1. $15 - 9 + 5 =$	2. $13 - 6 + 7 =$	3. $6 + 5 + 8 =$
$13 - 5 + 5 =$	$15 - 8 + 7 =$	$9 + 2 + 5 =$
$4 + 9 - 8 =$	$18 - 9 + 6 =$	$19 - 7 - 7 =$
$7 + 7 - 5 =$	$8 + 8 - 9 =$	$19 - 3 - 8 =$

4. $2 + 12 + 5 =$	5. $18 - 9 - 6 =$	6. $3 + 9 + 5 =$
$5 + 11 - 6 =$	$7 + 7 - 8 =$	$20 - 7 - 7 =$
$3 + 12 - 6 =$	$9 + 9 - 3 =$	$8 + 7 + 5 =$
$9 + 10 - 5 =$	$7 + 6 - 4 =$	$4 + 5 + 9 =$

7. $17 - 8 + 9 =$	8. $14 + 5 - 7 =$	9. $9 + 5 - 7 =$
$16 - 8 + 9 =$	$16 + 3 - 4 =$	$7 + 8 - 6 =$
$15 - 8 + 7 =$	$9 + 6 - 8 =$	$7 + 4 - 8 =$
$17 - 8 - 6 =$	$7 + 8 - 9 =$	$6 + 5 - 7 =$

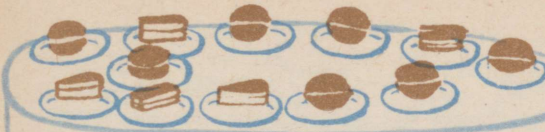
MITU LILLE ON LAVA  
ÄÄREL?

MITU LILLE TOODI

JUURDE?

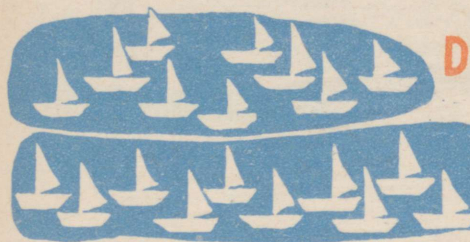
NÜÜD ON LAVA ÄÄREL  
LILLE.





MITU KOOKI ON LAUAL?  
 MITU KOOKI SÖÖDI ÄRA?  
 MITU KOOKI JÄI LAUALE?

**B**



**D**



TIIGIL UJUS 9 LAEVA.  
 MITU LAEVA TOODI  
 JUURDE?  
 NÜÜD ON TIIGIL ...  
 LAEVA.

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

**11.**  $5 + 4 + 9 =$   
 $7 + 6 + 3 =$   
 $4 + 3 + 8 =$   
 $2 + 7 + 6 =$

**12.**  $7 + 6 + 7 =$   
 $9 + 5 + 9 =$   
 $2 + 8 + 3 =$   
 $2 + 9 + 9 =$

**13.**  $20 - 5 - 8 =$   
 $16 - 3 - 9 =$   
 $18 - 7 - 5 =$   
 $17 - 7 - 4 =$

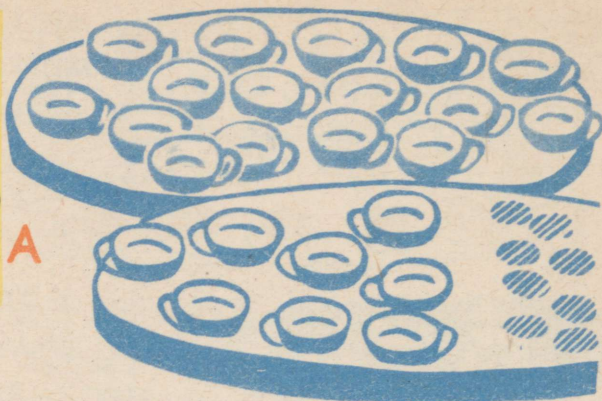
**14.**  $19 - 8 - 7 =$   
 $16 - 2 - 3 =$   
 $14 - 5 - 6 =$   
 $13 - 6 - 2 =$

**15.**  $17 - 8 + 9 =$   
 $13 - 4 + 5 =$   
 $12 - 6 + 7 =$   
 $11 - 5 + 7 =$

**16.**  $19 - 7 - 5 =$   
 $15 - 8 - 6 =$   
 $18 - 8 + 5 =$   
 $13 - 7 + 8 =$



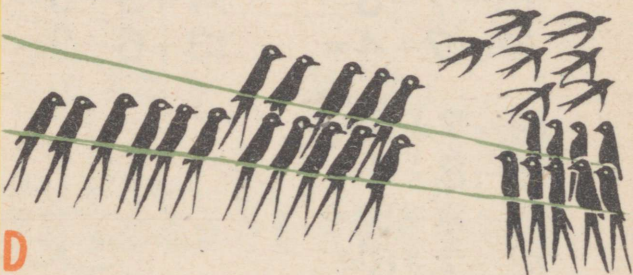
MITU TASSI OLI  
LAUAL?  
ÄRA VÕETI...TASSI.  
MITU TASSI ON NÜÜD  
LAUAL?



LAUAL OLI 4 PÄHKLIT.  
MITU PÄHKLIT PANDI  
JUURDE?  
NÜÜD ON LAUAL...  
PÄHKLIT.



MITU PÄÄSUKEST OLI  
TRAADIL?  
MITU PÄÄSUKEST  
LENDAS ÄRA?  
NÜÜD ON TRAADIL...  
PÄÄSUKEST.



E



17 PIIATSIT  
MIINUS  
9 PIIATSIT ON  
... PIIATSIT.

$$17 - 9 = \dots$$

1.  $12 + 5 - 9 =$       2.  $17 - 9 + 5 =$       3.  $4 + 9 - 6 =$

$17 - 6 + 7 =$        $5 + 6 + 7 =$        $7 + 4 - 8 =$

$8 + 7 + 3 =$        $4 + 4 + 9 =$        $9 + 9 - 5 =$

$20 - 4 - 8 =$        $17 - 9 - 2 =$        $8 + 8 - 9 =$

4.  $9 + 9 - 3 =$       5.  $7 + 7 + 4 - 5 =$       6.  $15 - 9 + 2 + 7 =$

$13 - 5 + 8 =$        $14 - 8 + 3 + 5 =$        $8 + 6 - 1 - 9 =$

$14 - 9 + 8 =$        $5 + 5 + 4 - 9 =$        $4 + 5 + 6 - 8 =$

$6 + 6 + 6 =$        $13 - 7 + 8 - 9 =$        $18 - 3 - 8 - 4 =$

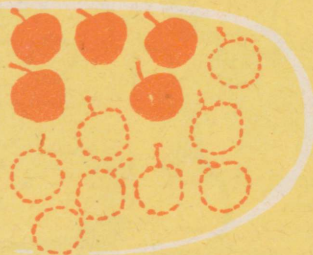
7.  $5 + 5 + 6 - 8 =$       8.  $12 + 1 - 3 - 2 =$

$15 + 3 - 6 - 7 =$        $8 + 1 + 4 - 2 =$

$19 - 8 - 3 - 8 =$        $7 + 2 + 5 - 6 =$

$20 - 5 - 6 + 7 =$        $12 + 6 - 5 - 5 =$

A





TÄDIL OLI 8 PURKI MOOSI.  
TÄDI KEETIS JUURDE VEEL  
5 PURKI MOOSI. MITU  
PURKI MOOSI ON NÜÜD  
TÄDIL?

**B**



1.  $20 - 5 - 4 - 4 =$   
 $6 + 6 + 6 - 5 =$   
 $10 + 5 - 2 - 7 =$   
 $2 + 9 + 2 - 9 =$

2.  $4 + 2 + 2 + 6 =$   
 $14 - 9 + 4 + 5 =$   
 $3 + 3 + 3 + 5 =$   
 $17 - 3 - 6 - 6 =$



**D**



POISID TEGID 7 LUME-  
MEMME.  
TÜDRUKUD TEGID 6 LUME-  
MEMME.  
MITU LUMEMEMME ON  
NÜÜD AIAS?

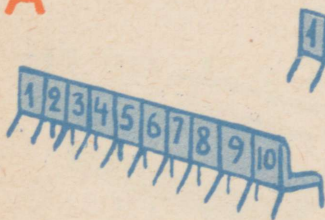
**E**

KAUPLUSES OL  
14 ÄMBRIT.  
NEIST MÜÜDI ÄRA  
9 ÄMBRIT. MITU ÄMBRIT  
ON NÜÜD KAUPLUSES?

$$1. \begin{aligned} 7 + 9 - 8 + 3 &= & 2. 19 - 8 - 4 + 5 &= & 3. 8 + 3 - 6 + 1 &= \\ 5 + 3 + 8 - 9 &= & 7 + 6 + 3 + 2 &= & 1 + 5 + 6 - 7 &= \\ 4 + 7 + 3 - 8 &= & 9 + 8 + 1 - 9 &= & 7 + 7 + 2 - 8 &= \\ 10 + 10 - 6 - 9 &= & 7 + 5 + 4 - 8 &= & 8 + 1 + 8 + 1 &= \end{aligned}$$

$$4. \begin{aligned} 17 - 5 + 6 + 6 &= & 5. 3 + 4 + 5 + 6 &= & 6. 5 + 4 + 5 + 4 &= \\ 19 - 8 - 8 + 9 &= & 18 - 9 + 4 + 4 &= & 3 + 9 - 4 + 5 &= \\ 9 + 9 + 1 - 9 &= & 17 - 8 + 3 - 6 &= & 17 - 9 - 3 - 4 &= \\ 8 + 8 - 7 + 3 &= & 4 + 4 + 5 + 5 &= & 20 - 8 - 6 - 5 &= \end{aligned}$$

$$7. \begin{aligned} 16 - 9 + 8 - 3 &= & 8. 6 + 6 + 5 - 8 &= & 9. 12 + 6 - 9 + 4 &= \\ 11 - 4 + 8 - 7 &= & 8 + 9 - 6 - 3 &= & 9 + 5 - 7 + 8 &= \\ 17 - 9 - 2 + 5 &= & 5 + 6 + 7 - 9 &= & 18 - 9 + 3 - 5 &= \\ 7 + 7 - 9 + 3 &= & 18 - 6 - 5 - 3 &= & 7 + 8 - 9 + 7 &= \end{aligned}$$

**A**

$$18 - 15 =$$



$$15 - 11 = 4$$



$$15 - 10 - 1 = 4$$

$$15 - 11 =$$

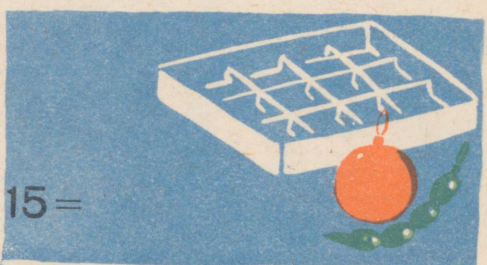
**ENNE LAHUTA KÜMME, SIIS ÜHELISED.**

**D**



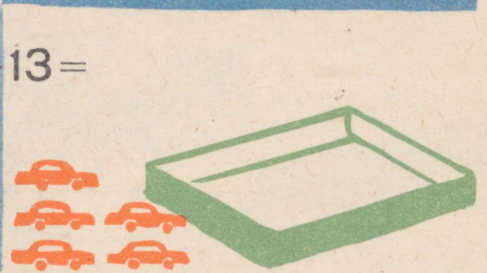
$$16 - 12 =$$

**E**



$$17 - 15 =$$

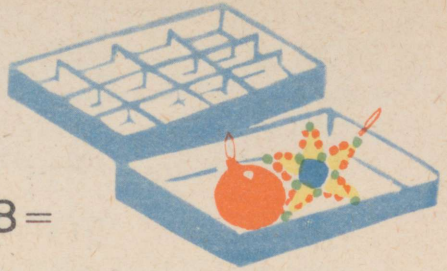
**G**



$$18 - 13 =$$

**H**

$$20 - 18 =$$



1.  $17 - 10 - 6 =$     2.  $19 - 10 - 4 =$     3.  $15 - 10 - 3 =$   
 $17 - 16 =$              $19 - 14 =$              $15 - 13 =$   
 $16 - 10 - 3 =$        $18 - 10 - 5 =$        $14 - 10 - 2 =$   
 $16 - 13 =$              $18 - 15 =$              $14 - 12 =$

4.  $16 - 12 =$     5.  $15 - 11 =$     6.  $17 - 14 =$     7.  $19 - 11 =$   
 $13 - 11 =$          $18 - 17 =$          $19 - 12 =$          $14 - 13 =$   
 $17 - 15 =$          $19 - 13 =$          $15 - 13 =$          $16 - 12 =$   
 $19 - 14 =$          $18 - 15 =$          $14 - 12 =$          $18 - 14 =$

8.  $16 - 11 =$     9.  $19 - 17 =$     10.  $16 - 12 =$     11.  $19 - 16 =$   
 $19 - 15 =$          $16 - 15 =$          $19 - 18 =$          $16 - 13 =$   
 $17 - 12 =$          $18 - 16 =$          $17 - 12 =$          $18 - 11 =$   
 $15 - 14 =$          $14 - 11 =$          $15 - 11 =$          $15 - 13 =$

12.  $20 - 11 =$     13.  $20 - 13 =$     14.  $17 - 12 =$     15.  $17 - 16 =$   
 $20 - 15 =$          $20 - 16 =$          $20 - 11 =$          $20 - 13 =$   
 $20 - 14 =$          $20 - 17 =$          $18 - 15 =$          $18 - 12 =$   
 $20 - 18 =$          $20 - 19 =$          $20 - 18 =$          $19 - 11 =$

16.  $19 - 13 =$  17.  $15 - 12 =$  18.  $18 - 15 =$  19.  $20 - 12 =$   
 $20 - 17 =$   $17 - 11 =$   $19 - 16 =$   $16 - 15 =$   
 $20 - 14 =$   $13 - 12 =$   $20 - 17 =$   $14 - 13 =$   
 $19 - 16 =$   $19 - 18 =$   $14 - 12 =$   $17 - 14 =$

1.  $19 - 12 =$  2.  $20 - 19 =$  3.  $14 - 11 =$  4.  $16 - 14 =$   
 $16 - 10 =$   $16 - 15 =$   $15 - 12 =$   $20 - 16 =$   
 $20 - 14 =$   $19 - 18 =$   $12 - 11 =$   $17 - 15 =$   
 $16 - 11 =$   $17 - 10 =$   $14 - 12 =$   $19 - 17 =$

5.  $19 - 14 - 2 =$  6.  $15 - 12 - 2 =$  7.  $19 - 18 - 1 =$   
 $20 - 13 - 3 =$   $16 - 11 - 3 =$   $16 - 13 - 3 =$   
 $18 - 11 - 5 =$   $20 - 12 - 4 =$   $17 - 15 - 2 =$   
 $17 - 14 - 2 =$   $18 - 14 - 3 =$   $16 - 12 - 3 =$

A

AINOL ON 15 VALGET  
 JA 3 KIRJUT KANA.  
 MITU KANA ON AINOL?



MALLEL ON 2 VANA  
PARTI JA 16 POEGA.  
MITU PARTI ON MALLEL?



JÜRIL ON 17 KÜÜLIKUT.  
NEIST 4 ON VANAD,  
TEISED KÕIK NOORED.  
MITU NOORT KÜÜLIKUT  
ON JÜRIL?



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

5.  $2 + 17 =$     6.  $13 - 12 =$     7.  $4 + 9 =$     8.  $14 - 6 =$   
 $18 - 14 =$      $11 + 7 =$      $11 - 7 =$      $13 + 3 =$   
 $7 + 8 =$      $20 - 14 =$      $8 + 5 =$      $13 - 9 =$   
 $11 + 9 =$      $7 + 7 =$      $18 - 16 =$      $8 + 7 =$

9.  $5 + 12 =$     10.  $7 + 6 =$     11.  $15 - 8 =$     12.  $19 - 3 =$   
 $7 - 4 =$      $17 - 4 =$      $9 - 6 =$      $8 + 6 =$   
 $14 + 4 =$      $9 + 5 =$      $20 - 15 =$      $4 + 5 =$   
 $8 + 9 =$      $13 - 8 =$      $7 + 4 =$      $18 - 9 =$

13.  $15 - 9 =$     14.  $16 - 7 =$     15.  $18 - 12 =$     16.  $6 + 6 =$   
 $9 + 5 =$      $6 + 7 =$      $11 - 8 =$      $14 - 8 =$   
 $12 - 7 =$      $12 - 9 =$      $15 - 13 =$      $5 + 7 =$   
 $13 - 6 =$      $12 - 3 =$      $14 - 9 =$      $17 - 15 =$



**A**  
 MAIMU PEENRAL KASVAS  
 5 LILLE, SALME PEENRAL  
 7 LILLE. MITU LILLE OLI  
 KOKKU?



**B**  
 LINDA PEENRAL KASVAS  
 14 LILLE. TA NOPPIS NEIST  
 8 LILLE. MITU LILLE JÄI  
 PEENRALE?



**D**  
 JÜRI PEENRAL KASVAS  
 5 LILLE. TA ISTUTAS  
 JUURDE 6 LILLE. MITU  
 LILLE ON NÜÜD JÜRI  
 PEENRAL?

1. $18 - 15 =$	2. $17 - 16 =$	3. $15 - 13 =$	4. $19 - 16 =$
$13 - 11 =$	$20 - 12 =$	$18 - 16 =$	$12 - 11 =$
$12 - 12 =$	$15 - 10 =$	$20 - 15 =$	$17 - 12 =$
$18 - 13 =$	$18 - 11 =$	$13 - 12 =$	$16 - 12 =$

5. $15 - 11 =$	6. $20 - 18 =$	7. $14 - 14 =$	8. $20 - 11 =$
$18 - 12 =$	$16 - 13 =$	$14 - 13 =$	$14 - 12 =$
$20 - 17 =$	$17 - 11 =$	$20 - 12 =$	$16 - 12 =$
$18 - 10 =$	$19 - 13 =$	$13 - 12 =$	$15 - 15 =$

9.  $18 - 16 - 1 =$   
 $20 - 15 - 4 =$   
 $19 - 13 - 5 =$   
 $14 - 11 - 2 =$

10.  $16 - 13 - 2 =$   
 $14 - 12 - 1 =$   
 $18 - 14 - 2 =$   
 $15 - 13 - 2 =$

11.  $19 - 12 - 4 =$   
 $16 - 11 - 4 =$   
 $17 - 13 - 2 =$   
 $20 - 12 - 7 =$



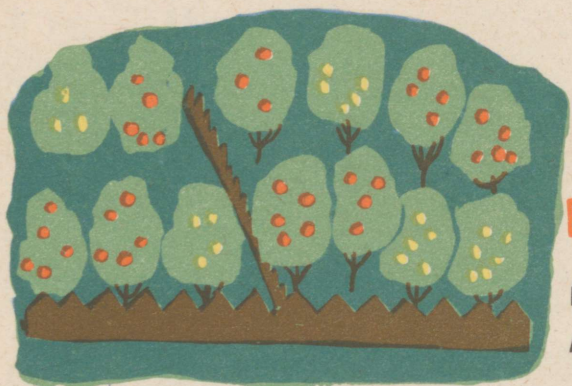
A

TIIGIL UJUS 17 PARTI.  
 NEIST 9 ON TÖNU PARDID,  
 ÜLEJÄÄNUD ON JÜRI  
 PARDID.  
 MITU PARTI ON JÜRIL?

12.  $18 - 13 - 5 =$   
 $17 - 12 - 4 =$   
 $20 - 11 - 6 =$   
 $19 - 13 - 4 =$

13.  $16 - 4 - 11 =$   
 $19 - 2 - 16 =$   
 $14 - 2 - 12 =$   
 $20 - 3 - 16 =$

14.  $18 - 2 - 12 =$   
 $18 - 4 - 12 =$   
 $20 - 6 - 14 =$   
 $16 - 1 - 13 =$



B

REINU AIAS ON 5 PUUD,  
 MARETI AIAS 8 PUUD.  
 MITU PUUD ON KOKKU?



AIAS ON 12 VILJAPUUD.  
NEIST 5 ON PIRNIPUUD,  
ÜLEJÄÄNUD ON  
ÕUNAPUUD.  
MITU ÕUNAPUUD ON  
AIAS?

1.  $7 - 5 = 2$   
 $15 \dots = 14$   
 $3 \dots = 5$   
 $20 \dots = 8$

2.  $11 \dots = 2$   
 $6 \dots = 5$   
 $4 \dots = 3$   
 $1 \dots = 9$

3.  $9 \dots = 20$   
 $12 \dots = 20$   
 $19 \dots = 3$   
 $16 \dots = 4$

4.  $5 \dots = 4$   
 $4 \dots = 20$   
 $18 \dots = 7$   
 $10 \dots = 19$

5.  $18 \dots = 9$   
 $14 \dots = 20$   
 $15 \dots = 16$   
 $13 \dots = 10$

6.  $2 \dots = 17$   
 $18 \dots = 3$   
 $6 \dots = 13$   
 $15 \dots = 4$

7.  $19 \dots = 10$   
 $5 \dots = 11$   
 $16 \dots = 7$   
 $8 \dots = 20$

8.  $7 \dots = 9$   
 $14 \dots = 6$   
 $4 \dots = 15$   
 $20 \dots = 10$

9.  $11 \dots = 4$   
 $9 \dots = 19$   
 $17 \dots = 8$   
 $3 \dots = 2$

10.  $10 \dots = 8$   
 $12 \dots = 4$   
 $7 \dots = 4$   
 $16 \dots = 11$

11.  $12 \dots = 5$   
 $5 \dots = 2$   
 $9 \dots = 16$   
 $17 \dots = 19$

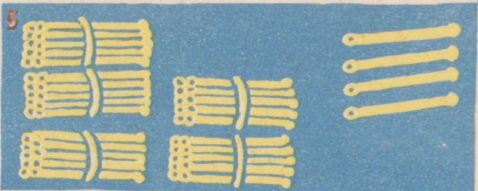
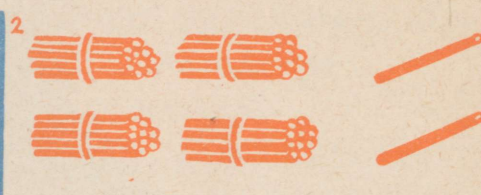
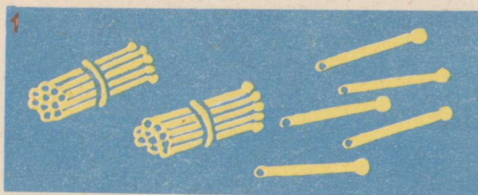
12.  $11 \dots = 9$   
 $3 \dots = 8$   
 $20 \dots = 1$   
 $6 \dots = 14$

**ESIMENE SADA**  
**ARVUD 1-100**

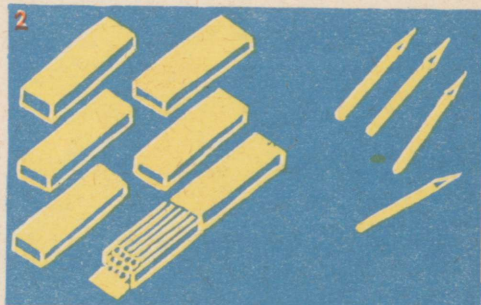
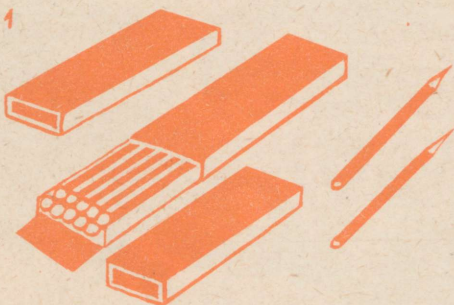


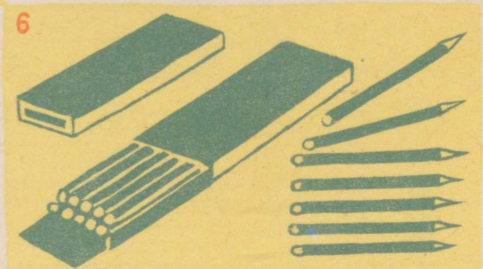
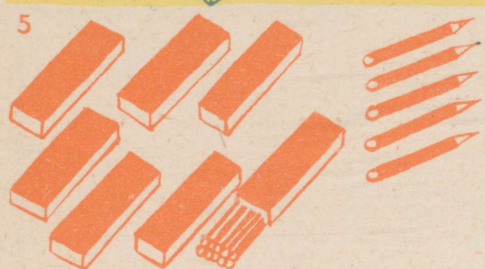
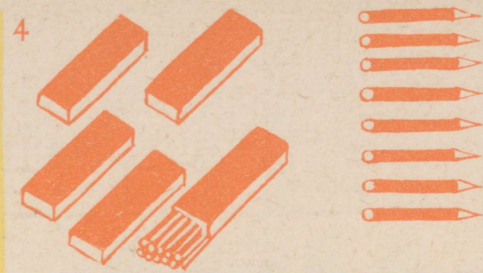
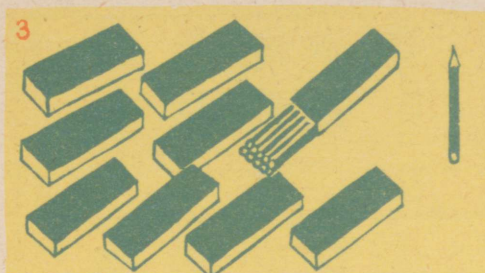
**A**

Kirjuta numbritega, mitu tikku on igal pildil?

**B**

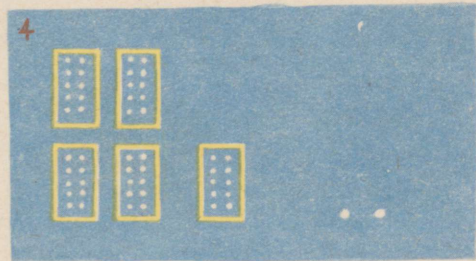
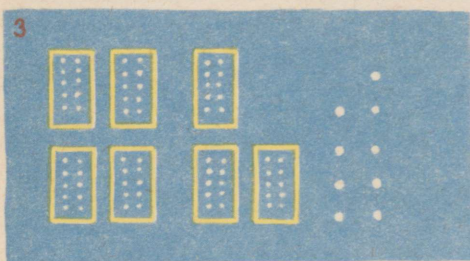
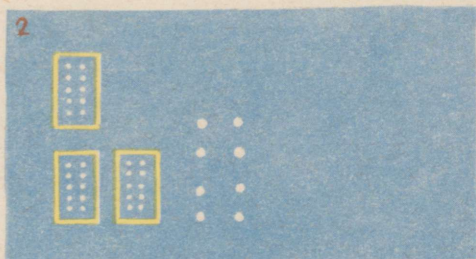
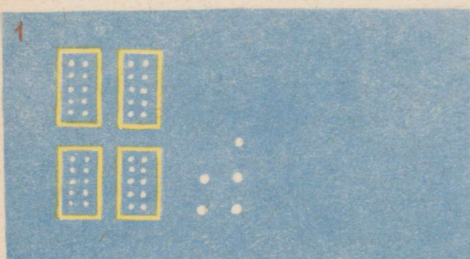
Kirjuta numbritega, mitu pliatsit igal pildil?





D

Kirjuta numbritega:

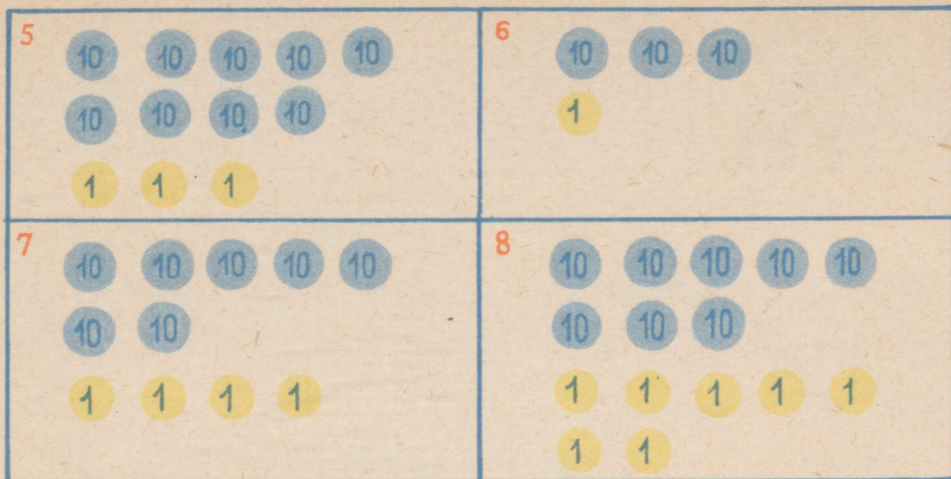


<p>5</p>	<p>6</p>
<p>7</p>	<p>8</p>

**E**

Kirjuta nümbritega, mitu kopikat on igal pildil.

<p>1</p>	<p>2</p>
<p>3</p>	<p>4</p>



1. Kirjuta kümnekopikaliste ja kopikaliste abil arvud: 58; 67; 95; 49; 32; 76; 24; 83.

2. Kirjuta numbritega: kolmkümmend seitse, üheksakümmend üheksa, seitsekümmend viis, kuuskümmend kaheksa, nelikümmend.

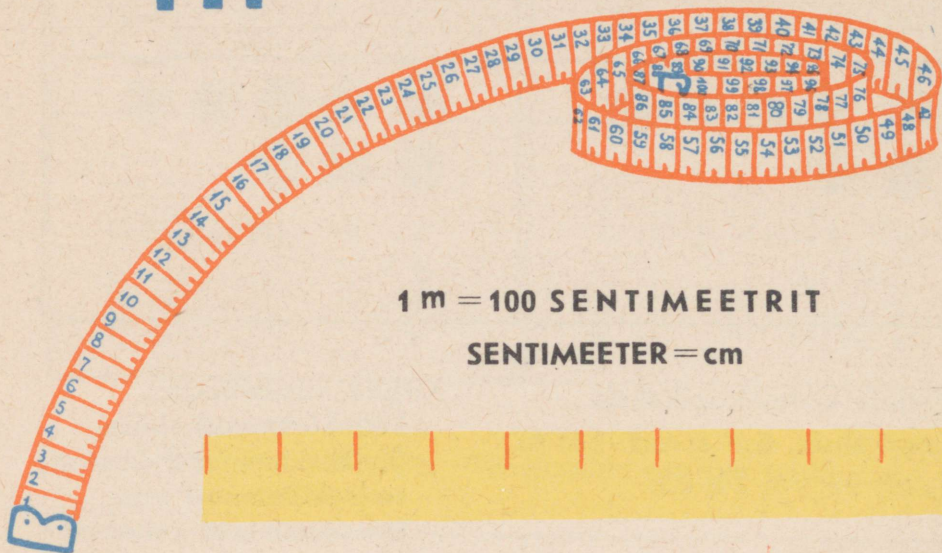
3. Loe:  
79 38 65 46 98 89 100.

4. Loe:  
27 . . . 31 . . . 34 . . . 37;  
44 . . . 41 . . . 37 . . . 34;  
78 . . . 82 . . . 86 . . . ;  
53 . . . . 48 . . . . 44.

5. Loe:  
38 . . . 41;      92 91 . . . 88;  
78 . . . 81;      52 51 . . . 48.

6. Loe:  
. 44 . . . 39 . . . 88 . . . 99 .  
. 50 . . . 70 . . . 29 . . . 61 .

cm  
m



**1 m = 100 SENTIMEETRIT**

**SENTIMEETER = cm**

1. Näita mõõdulindi abil pikkused: 25 cm, 42 cm, 56 cm, 68 cm, 36 cm, 75 cm, 82 cm, 91 cm. Tõmba mõõdulint iga kord pingule.

2. Hinda esiteks silmaga ja seejärel mõõda mõõdulindiga, mitu sentimeetrit on

- a) vihiku pikkus,
- b) laua laius,
- d) pingi kõrgus,
- e) aknaruudu laius,
- h) mapi või ranitsa pikkus.

Kirjuta kõik need arvud vihikusse.

3.  $23 = 20 + 3$       4.  $57 = 50 + \dots$       5.  $84 = 80 + \dots$       6.  $56 = \dots + 6$   
 $48 = 40 + \dots$        $93 = 90 + \dots$        $26 = 20 + \dots$        $28 = 20 + \dots$   
 $52 = 50 + \dots$        $36 = 30 + \dots$        $87 = 80 + \dots$        $32 = \dots + 2$   
 $75 = 70 + \dots$        $69 = 60 + \dots$        $41 = 40 + \dots$        $69 = 60 + \dots$

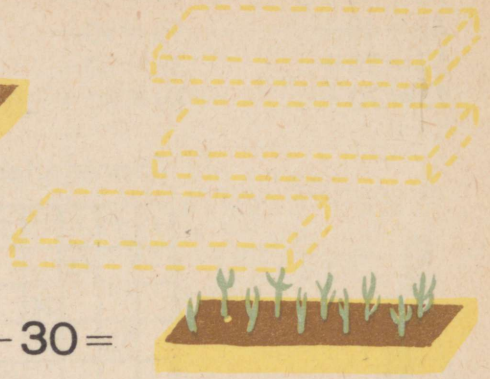
7. Joonista tabel ja täida see.

1			5		8		
		13					20
			24		27		
	32						39
			45				
		53		56			
61					68		
		74					80
	82			87			
			95			99	



Loe igas reas asetsevad arvud.  
 Loee igas veerus asetsevad arvud.



**B**

$$40 - 30 =$$

1.  $10 + 10 =$   
 $20 - 10 =$   
 $20 + 10 =$   
 $30 - 10 =$

2.  $30 + 10 =$   
 $40 - 10 =$   
 $40 + 10 =$   
 $50 - 10 =$

3.  $50 + 10 =$   
 $60 - 10 =$   
 $60 + 10 =$   
 $70 - 10 =$

4.  $70 + 10 =$   
 $80 - 10 =$   
 $80 + 10 =$   
 $90 - 10 =$

5.  $90 + 10 =$   
 $100 - 10 =$   
 $10 - 10 =$   
 $30 - 10 =$

6.  $10 + 20 =$   
 $30 - 20 =$   
 $10 + 30 =$   
 $40 - 30 =$

7.  $10 + 50 =$   
 $60 - 50 =$   
 $10 + 60 =$   
 $70 - 60 =$

8.  $10 + 70 =$   
 $80 - 70 =$   
 $10 + 80 =$   
 $90 - 80 =$

9.  $10 + 90 =$   
 $100 - 90 =$   
 $20 + 20 =$   
 $40 - 20 =$

10.  $30 + 20 =$   
 $50 - 20 =$   
 $40 + 20 =$   
 $60 - 20 =$

11.  $50 + 20 =$   
 $70 - 20 =$   
 $60 + 20 =$   
 $80 - 20 =$

12.  $70 + 20 =$   
 $90 - 20 =$   
 $80 + 20 =$   
 $100 - 20 =$

13.  $20 + 10 =$   
 $10 + 40 =$   
 $80 - 10 =$   
 $20 + 20 =$

14.  $50 - 50 =$   
 $90 + 10 =$   
 $100 - 90 =$   
 $10 + 20 =$

15.  $30 - 10 =$   
 $70 + 20 =$   
 $60 + 10 =$   
 $80 - 20 =$

16.  $10 + 60 =$   
 $50 - 20 =$   
 $100 - 10 =$   
 $100 - 20 =$

## RAHAST.

1. Jaagul oli 8 kümnekopikalist. Tädi kinkis talle veel 2 kümnekopikalist. Mitu kümnekopikalist on nüüd Jaagul? Mitu kopikat see on? Mitu rubla see on?

2. Jaagul oli 1 rubla. Ta kulutas vihiku ostmiseks 30 kopikat. Kui palju raha jäi Jaagul järele?

3. Reinul on 30 kopikat. Maretil on 50 kopikat. Mitu kopikat on mõlemal kokku?

4. Helgil oli 50 kopikat. Ta kulutas sellest ajalehe ostmiseks 20 kopikat. Mitu kopikat jäi tal järele?

5. Anul oli 90 kopikat. Ta kulutas vihikute ostmiseks 90 kopikat. Kui palju on Anul nüüd raha?

1. $20 + 30 =$	2. $20 + 50 =$	3. $20 + 70 =$	4. $30 + 30 =$
$50 - 30 =$	$70 - 50 =$	$90 - 70 =$	$60 - 30 =$
$20 + 40 =$	$20 + 60 =$	$20 + 80 =$	$40 + 30 =$
$60 - 40 =$	$80 - 60 =$	$100 - 80 =$	$70 - 30 =$

5. $50 + 30 =$	6. $70 + 30 =$	7. $30 + 50 =$	8. $30 + 70 =$
$80 - 30 =$	$100 - 30 =$	$80 - 50 =$	$100 - 70 =$
$60 + 30 =$	$30 + 40 =$	$30 + 60 =$	$40 + 40 =$
$90 - 30 =$	$70 - 40 =$	$90 - 60 =$	$80 - 40 =$

9. $50 + 40 =$	10. $40 + 50 =$	11. $50 + 50 =$	12. $30 + 70 =$
$90 - 40 =$	$90 - 50 =$	$100 - 50 =$	$40 + 30 =$
$60 + 40 =$	$40 + 60 =$	$20 + 40 =$	$80 - 30 =$
$100 - 40 =$	$100 - 60 =$	$80 - 60 =$	$70 - 40 =$

13. $30 + 40 =$	14. $60 + 40 =$	15. $60 - 30 =$	16. $50 + 40 =$
$80 - 50 =$	$90 - 50 =$	$80 - 40 =$	$100 - 80 =$
$30 + 60 =$	$50 + 50 =$	$20 + 60 =$	$30 + 30 =$
$40 - 40 =$	$100 - 30 =$	$90 - 60 =$	$40 + 50 =$



### KOOLIAIAS.

1. Juta rohis 10 m pikkuse peenra ja Arvo rohis 10 m pikkuse peenra. Mitu meetrit peenart rohisid nad kokku?

2. Ühel peenral kasvas 30 tulpi, teisel peenral 40 tulpi. Mitu tulpi kasvas kahel peenral kokku?

3. Kooliaias kasvas 70 tulpi. Lapsed viisid klassi kaunistamiseks 20 tulpi. Mitu tulpi jäi kooliaeda?

4. Kahel peenral oli kokku 90 nartsissi. Ühel peenral oli 50 nartsissi. Mitu nartsissi oli teisel peenral?

5. Ühel peenral on 90 nelki, teisel aga 20 nelki vähem. Mitu nelki on teisel peenral?

6. Koosta ülesanne lilledest, kus on vaja liita 40 ja 50; kus on vaja 60-st lahutada 20.

1.  $80 + 20 =$   
 $50 + 50 =$   
 $20 + 30 =$   
 $60 + 10 =$

2.  $90 - 80 =$   
 $100 - 70 =$   
 $90 - 30 =$   
 $100 - 90 =$

3.  $10 + 40 =$   
 $50 + 10 =$   
 $70 + 30 =$   
 $60 + 40 =$

4.  $60 - 10 =$   
 $90 - 40 =$   
 $80 - 40 =$   
 $100 - 50 =$

5.  $60 + 40 =$   
 $20 + 10 =$   
 $60 + 30 =$   
 $30 + 10 =$

6.  $90 - 50 =$   
 $50 - 30 =$   
 $60 - 10 =$   
 $90 - 40 =$

7.  $10 + 80 =$   
 $20 + 70 =$   
 $20 + 80 =$   
 $50 + 50 =$

8.  $80 - 10 =$   
 $100 - 70 =$   
 $70 - 30 =$   
 $60 - 50 =$

9.  $80 + 10 =$   
 $50 - 40 =$   
 $40 + 10 =$   
 $80 - 50 =$

10.  $40 + 60 =$   
 $100 - 20 =$   
 $30 + 20 =$   
 $80 - 30 =$

11.  $30 + 30 =$   
 $90 - 50 =$   
 $50 + 10 =$   
 $80 - 40 =$

12.  $10 + 60 =$   
 $40 - 30 =$   
 $70 + 30 =$   
 $90 - 60 =$

13.  $10 + 20 =$   
 $70 - 40 =$   
 $20 + 40 =$   
 $80 - 20 =$



### AIAS.

1. Aias on veetünn, mille maht on 60 l. Jaan kandis tünni 40 l vett. Mitu liitrit vett on vaja veel tuua, et tünn täis saaks?

2. Tiiu sai oma peenralt 20 kg porgandeid. Aino sai oma peenralt 30 kg porgandeid. Mitu kilogrammi porgandeid said nad kokku?

3. Ants kasvatas 40 lilletaime. Juhan kasvatas 50 lilletaime. Mida võime arvutada?

4. Maimu õunapuu otsas on 30 õuna. Tõnu õunapuu otsas on 20 õuna. Mitu õuna on kokku?

5. Puu otsas oli 50 pirni. Tuul raputas maha 10 pirni. Mitu pirni on nüüd puu otsas?

6. Koosta ülesanne ploomidest, kus on vaja liita 70 ja 20; kus on vaja 90-st lahutada 40.

1.  $40 + 30 =$   
 $30 + 50 =$   
 $20 + 20 =$   
 $30 + 40 =$

2.  $60 + 20 =$   
 $40 + 60 =$   
 $30 + 20 =$   
 $40 + 30 =$

3.  $10 + 10 =$   
 $20 + 30 =$   
 $40 + 20 =$   
 $30 + 40 =$

4.  $20 + 50 =$   
 $30 + 70 =$   
 $50 + 20 =$   
 $40 + 40 =$

5.  $70 - 20 =$   
 $100 - 30 =$   
 $80 - 20 =$   
 $70 - 50 =$

6.  $80 - 60 =$   
 $100 - 60 =$   
 $40 - 20 =$   
 $80 - 60 =$

7.  $20 - 10 =$   
 $70 - 20 =$   
 $30 - 20 =$   
 $80 - 20 =$

8.  $100 - 30 =$   
 $90 - 20 =$   
 $50 - 10 =$   
 $90 - 10 =$

9.  $20 + 60 =$   
 $90 - 70 =$   
 $50 + 40 =$   
 $100 - 40 =$

10.  $70 + 20 =$   
 $80 - 70 =$   
 $40 + 50 =$   
 $60 - 20 =$

11.  $10 + 30 =$   
 $40 - 10 =$   
 $30 + 50 =$   
 $60 - 40 =$

12.  $60 + 10 =$   
 $100 - 50 =$   
 $80 - 60 =$   
 $80 - 40 =$

13.  $30 + 60 =$   
 $70 - 50 =$   
 $50 + 30 =$   
 $90 - 80 =$

14.  $10 + 70 =$   
 $60 - 30 =$   
 $80 + 20 =$   
 $100 - 60 =$

15.  $90 + 10 =$   
 $70 - 10 =$   
 $20 + 20 =$   
 $50 - 20 =$

16.  $40 + 30 =$   
 $30 - 10 =$   
 $60 + 20 =$   
 $100 - 90 =$

### EMA AITAMAS.

1. Jaan tõi emale 30 puuhalgu ja Aili 7 halgu. Mitu halgu töid lapsed kokku?

2. Emal oli toas 37 halgu. Ema pani ahju 9 halgu. Mitu halgu jäi järele?

3. Järgmisel korral tõi Jaan 40 halgu ja Aili 9 halgu. Mitu halgu tõi nad kokku?

4. Emal oli toas 49 halgu. Ema pani pliidi alla 5 halgu. Mitu halgu jäi järele?

5. Emal oli toas 30 halgu. 10 halgu pani ta ahju. Mitu halgu on veel toas?

6. Koosta ülesanne ema abistamisest, kus on vaja liita 40 ja 8; kus on vaja 72-st lahutada 2.



1.  $20 + 5 =$   
 $34 - 4 =$   
 $40 + 7 =$   
 $62 - 2 =$

2.  $90 + 5 =$   
 $73 - 3 =$   
 $40 + 9 =$   
 $51 - 1 =$

3.  $10 + 8 =$   
 $95 - 5 =$   
 $30 + 3 =$   
 $74 - 4 =$

4.  $80 + 5 =$   
 $95 - 5 =$   
 $60 + 9 =$   
 $41 - 1 =$

5.  $52 - 2 =$   
 $70 + 9 =$   
 $27 - 7 =$   
 $20 + 9 =$

6.  $92 - 2 =$   
 $60 + 4 =$   
 $66 - 6 =$   
 $50 + 7 =$

7.  $37 - 7 =$   
 $40 + 3 =$   
 $98 - 8 =$   
 $80 + 5 =$

8.  $34 - 4 =$   
 $70 + 5 =$   
 $42 - 2 =$   
 $70 + 1 =$

9.  $80+3=$   
 $93-3=$   
 $50+4=$   
 $25-5=$

10.  $10+9=$   
 $32-2=$   
 $50+5=$   
 $74-4=$

11.  $70+8=$   
 $27-7=$   
 $60+2=$   
 $79-9=$

12.  $20+7=$   
 $24-4=$   
 $30+4=$   
 $83-3=$

13.  $60+9=$   
 $54-4=$   
 $40+8=$   
 $92-2=$

14.  $90+9=$   
 $83-3=$   
 $70+5=$   
 $65-5=$

15.  $80+1=$   
 $54-4=$   
 $90+1=$   
 $92-2=$

16.  $70+9=$   
 $22-2=$   
 $30+7=$   
 $95-5=$



### KÜÜLIKUD.

1. Koolil on 72 noort ja 6 vana küülikut. Mitu küülikut on kokku?

2. Koolil on 59 küülikut. Esimese klassi õpilased hoolitsevad 7 küüliku eest. Mitu küülikut on teiste õpilaste hooldada?

3. Koolil on 38 küülikut. Neist on 5 valged, teised on hallid. Mida võime arvutada?

4. Oktoobrilapsed töid küülikutele 42 porgandit. Enne oli 5 porgandit. Mitu porgandit on kokku?

5. Küülikutele oli muretsetud 36 oksakimpu. Neist anti küülikutele 5 kimpu. Mitu kimpu on nüüd järel?

6. Koosta ülesanne küülikutest, kus tuleb liita 42 ja 5; kus tuleb 56-st lahutada 4.

1.  $45 + 2 =$   
 $98 - 7 =$   
 $74 + 3 =$   
 $36 - 3 =$

2.  $64 + 5 =$   
 $98 - 6 =$   
 $23 + 6 =$   
 $59 - 5 =$

3.  $99 + 1 =$   
 $68 - 2 =$   
 $96 + 2 =$   
 $78 - 7 =$

4.  $53 + 2 =$   
 $39 - 8 =$   
 $45 + 2 =$   
 $79 - 4 =$

5.  $93 + 6 =$   
 $69 - 8 =$   
 $32 + 8 =$   
 $87 - 4 =$

6.  $55 + 4 =$   
 $95 - 4 =$   
 $43 + 7 =$   
 $70 - 4 =$

7.  $27 + 2 =$   
 $36 - 4 =$   
 $31 + 2 =$   
 $46 - 2 =$

8.  $51 + 3 =$   
 $66 - 2 =$   
 $12 + 3 =$   
 $79 - 2 =$

9.  $32 + 3 =$   
 $49 - 3 =$   
 $45 + 3 =$   
 $38 - 6 =$

10.  $33 + 4 =$   
 $27 - 3 =$   
 $53 + 5 =$   
 $46 - 2 =$

11.  $93 + 5 =$   
 $58 - 7 =$   
 $72 + 5 =$   
 $86 - 5 =$

12.  $82 + 5 =$   
 $55 - 3 =$   
 $32 + 5 =$   
 $38 - 6 =$

13.  $21 + 4 =$   
 $86 - 4 =$   
 $55 + 4 =$   
 $26 - 2 =$

14.  $21 + 5 =$   
 $66 - 3 =$   
 $64 + 5 =$   
 $59 - 3 =$

15.  $61 + 5 =$   
 $57 - 2 =$   
 $52 + 5 =$   
 $49 - 8 =$

16.  $41 + 6 =$   
 $78 - 4 =$   
 $53 + 6 =$   
 $98 - 7 =$

### POSTMARGID.

1. Lainel oli 43 postmarki. Ta sai isalt veel 6 postmarki. Mitu postmarki on nüüd Lainel?

2. Peedul oli 54 postmarki. Ta andis 3 postmarki Jürile. Mitu postmarki on Peedul nüüd?

3. Mikul on 22 postmarki, Annel on 7 postmarki. Mitu marki on lastel kokku?

4. Tõnu sai emalt 22 marki ja tädilt 5 marki. Mitu marki sai Tõnu kokku?

5. Tõnu kinkis 6 marki Ainole. Ainol oli enne seda 31 marki. Mitu marki on Ainol nüüd?

6. Koosta ülesanne postmarkidest, kus tuleb liita 32 ja 6; kus tuleb 49-st lahutada 5.

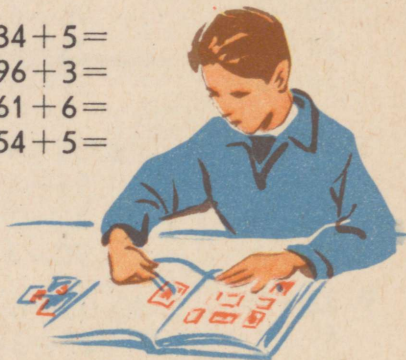
1.  $12+7=$   
 $22+7=$   
 $52+7=$   
 $92+7=$

2.  $71+7=$   
 $62+7=$   
 $81+8=$   
 $61+8=$

3.  $34+5=$   
 $96+3=$   
 $61+6=$   
 $54+5=$

4.  $45+2=$   
 $13+4=$   
 $43+5=$   
 $73+5=$

5.  $24-1=$   
 $36-1=$   
 $54-1=$   
 $65-1=$



6.  $78-2=$   
 $99-2=$   
 $27-2=$   
 $43-2=$

7.  $35-3=$   
 $88-3=$   
 $54-3=$   
 $97-3=$

8.  $67-4=$   
 $87-4=$   
 $28-4=$   
 $79-4=$

9.  $64+4=$   
 $43+2=$   
 $76+3=$   
 $92+8=$

10.  $5+52=$   
 $4+83=$   
 $3+25=$   
 $5+63=$

11.  $92+7=$   
 $44+4=$   
 $53+4=$   
 $46+2=$

12.  $6+43=$   
 $2+64=$   
 $6+83=$   
 $4+33=$

13.  $27-5=$   
 $97-5=$   
 $46-5=$   
 $69-5=$

14.  $27-6=$   
 $37-6=$   
 $29-6=$   
 $58-6=$

15.  $18-7=$   
 $38-7=$   
 $79-7=$   
 $58-7=$

16.  $29-8=$   
 $49-8=$   
 $89-8=$   
 $59-8=$

## RAAMATUD.

1. Peetril oli 25 raamatut. Sünnipäeval kingiti talle veel 4 raamatut. Mitu raamatut on Peetril nüüd?

2. Jüril on 39 raamatut. 5 raamatut on laual, teised riiulil. Mitu raamatut on riiulil?

3. Mallel on 29 raamatut. Neist on tal lugemata 8 raamatut. Mitu raamatut on Mallel loetud?

4. Aadul on 26 raamatut, neist on köitmata 4 raamatut. Mitu köidetud raamatut on Aadul?

5. Aadu vanemal vennal Toomal on 72 eestikeelset ja 5 venekeelset raamatut. Mida võime arvutada?

6. Koosta ülesanne raamatutest, kus tuleb liita 35 ja 4; kus tuleb 89-st lahutada 4.



1.  $93 + 3 =$

$25 + 4 =$

$32 + 5 =$

$74 + 6 =$

2.  $79 - 2 =$

$27 - 4 =$

$66 - 5 =$

$54 - 7 =$

3.  $3 + 24 =$

$6 + 83 =$

$5 + 64 =$

$2 + 54 =$

4.  $77 - 2 =$

$85 - 4 =$

$47 - 6 =$

$38 - 5 =$

5. $92+4=$ $83+5=$ $52+7=$ $63+6=$	6. $48-4=$ $87-5=$ $59-7=$ $39-8=$	7. $5+34=$ $4+75=$ $6+42=$ $7+22=$	8. $36-3=$ $97-4=$ $39-7=$ $65-2=$
9. $33+5=$ $43+6=$ $82+4=$ $95+3=$	10. $27-2=$ $68-6=$ $39-8=$ $77-6=$	11. $3+26=$ $7+92=$ $8+91=$ $4+75=$	12. $86-4=$ $99-7=$ $68-6=$ $89-8=$
13. $69-6=$ $75+3=$ $21+5=$ $93+7=$	14. $48-6=$ $84-3=$ $31+8=$ $48-5=$	15. $43+3=$ $69-2=$ $50-3=$ $37+2=$	16. $78-7=$ $43+5=$ $37-3=$ $85+2=$

### TÄNAV.

1. Tänavaga ühel poolel on 39 maja, teisel poolel 7 maja vähem. Mitu maja on tänavaga teisel poolel?

2. Tänavaga ühes ääres kasvab 25 pärna ja 4 kastanit. Mida võime arvutada?

3. Tänavaga teises ääres kasvab 22 kastanit ja 7 pärna. Mida võime arvutada siin?

4. Tänavat mööda sõitis tunni jooksul ühes suunas 23 veoautot ja 5 sõiduautot. Mitu autot sõitis kokku selles suunas?

5. Vastassuunas sõitis sama aja jooksul 32 veoautot ja 7 sõiduautot. Mitu autot sõitis vastassuunas?

6. Koosta ülesanne tänavast, kus tuleb liita 42 ja 6; kus tuleb 58-st lahutada 3.

1. $38-7=$ $96-4=$ $52+5=$ $59-8=$	2. $24+4=$ $52+3=$ $98-2=$ $69-8=$	3. $69-8=$ $74+5=$ $55-4=$ $31+8=$	4. $36+3=$ $27-6=$ $35+4=$ $61+7=$
---	---	---	---

5.  $99 - 6 =$   
 $22 + 5 =$   
 $90 - 4 =$   
 $68 - 3 =$

6.  $64 - 3 =$   
 $72 + 4 =$   
 $52 + 7 =$   
 $79 - 7 =$

7.  $27 - 5 =$   
 $29 - 7 =$   
 $92 + 6 =$   
 $99 - 7 =$

8.  $64 + 3 =$   
 $66 + 1 =$   
 $67 - 6 =$   
 $57 + 2 =$

9.  $66 - 4 =$   
 $63 + 6 =$   
 $69 - 2 =$   
 $15 + 3 =$

10.  $75 + 3 =$   
 $86 - 5 =$   
 $55 + 4 =$   
 $29 - 8 =$

11.  $97 - 5 =$   
 $12 + 8 =$   
 $24 - 2 =$   
 $83 + 5 =$

12.  $35 - 3 =$   
 $52 + 5 =$   
 $46 - 5 =$   
 $82 + 7 =$

13.  $48 - 7 =$   
 $64 + 5 =$   
 $69 - 5 =$   
 $23 + 6 =$

14.  $98 - 5 =$   
 $79 - 7 =$   
 $51 + 6 =$   
 $38 + 1 =$

15.  $72 + 6 =$   
 $29 - 8 =$   
 $63 + 5 =$   
 $58 - 7 =$

16.  $77 - 6 =$   
 $49 - 8 =$   
 $43 + 4 =$   
 $38 - 4 =$

### PESU PEEMAS.

1. Emal ja Ainol on täna pesupäev. Aino pesta olid taskurätid. Nüüd ripub nööri 21 suurt ja 9 väikest taskurätti. Mitu taskurätti ripub nööri?

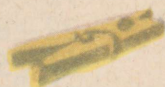


2. Nööril on kuivamas 30 taskurätti. Neist on värvilisi 7, teised on valged. Mitu valget taskurätti on kuivamas?

3. Emal on 60 pesupulka. Neist on 5 ema põlle taskus, teised on kõik nööril. Mitu pesupulka on nööril?

4. Öhtul korjas ema nöörilt 24 taskurätti ja Aino 6 taskurätti. Mida me arvutame?

5. Koosta ülesanne pesupulkadest, kus tuleb liita 38 ja 2; kus tuleb 50-st lahutada 7.



1.  $28+2=$   
 $79+1=$   
 $51+9=$   
 $38+2=$

2.  $33+7=$   
 $28+2=$   
 $93+7=$   
 $69+1=$

3.  $91+9=$   
 $19+1=$   
 $84+6=$   
 $47+3=$

4.  $67+3=$   
 $52+8=$   
 $61+9=$   
 $75+5=$

5.  $70-1=$   
 $50-7=$   
 $60-5=$   
 $40-8=$

6.  $60-3=$   
 $30-9=$   
 $40-7=$   
 $30-9=$

7.  $50-8=$   
 $70-9=$   
 $60-5=$   
 $40-3=$

8.  $40-9=$   
 $60-8=$   
 $90-7=$   
 $50-6=$

9.  $41+9=$   
 $50-8=$   
 $93+7=$   
 $60-7=$

10.  $54+6=$   
 $40-9=$   
 $55+5=$   
 $30-8=$

11.  $76+4=$   
 $60-9=$   
 $61+9=$   
 $80-7=$

12.  $96+4=$   
 $40-8=$   
 $72+8=$   
 $40-7=$

13.  $86+4=$   
 $60-9=$   
 $47+3=$   
 $50-8=$

14.  $91+9=$   
 $30-9=$   
 $65+5=$   
 $90-9=$

15.  $25+5=$   
 $90-7=$   
 $42+8=$   
 $90-9=$

16.  $97+3=$   
 $50-9=$   
 $82+8=$   
 $60-7=$

## KORDAMISEKS.

1. Mallel on 4 pirni ja Jaagul niisama palju. Mitu pirni on neil kokku?

2. Jüril on 5 sulge, Ehal on 3 sulge rohkem. Mitu sulge on Ehal?

3. Üks tuba on 4 m lai, teine on 2 m laiem. Kui lai on teine tuba?-

4. Mari on 15-aastane. Tema vend Peeter on 6 aastat noorem. Kui vana on Peeter?

5. Purki kallati 4 l vett ja siis veel 1 l. Nüüd puudus veel 1 l, siis oleks purk täis olnud. Kui suur oli purk?

6. Koosta ülesanne liitritest, kus tuleb liita 8 ja 7; kus tuleb 12-st lahutada 5.

1.  $20 - 16 =$   
 $15 - 8 =$   
 $8 + 3 =$   
 $32 + 2 =$

2.  $83 + 7 =$   
 $30 + 60 =$   
 $18 - 9 =$   
 $60 - 40 =$

3.  $17 - 12 =$   
 $45 + 2 =$   
 $70 - 50 =$   
 $12 - 4 =$

4.  $8 + 7 =$   
 $24 - 2 =$   
 $6 + 6 =$   
 $80 - 20 =$

5.  $9 + 8 =$   
 $40 + 40 =$   
 $12 - 7 =$   
 $74 + 3 =$

6.  $8 + 6 =$   
 $30 + 50 =$   
 $13 - 5 =$   
 $93 + 6 =$

7.  $16 - 7 =$   
 $70 - 6 =$   
 $70 - 40 =$   
 $59 - 5 =$

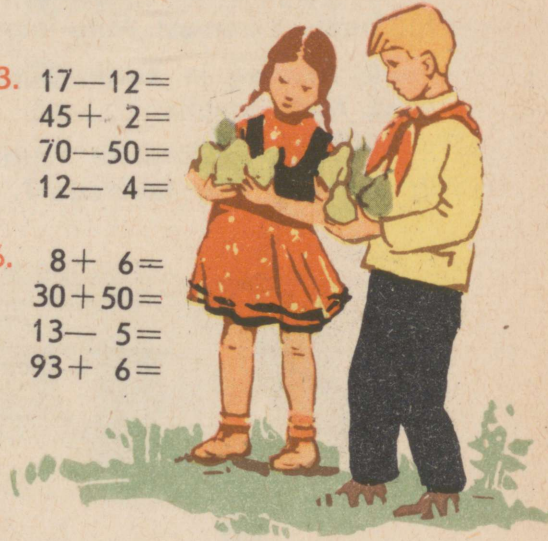
8.  $11 - 7 =$   
 $9 + 4 =$   
 $45 + 3 =$   
 $25 + 2 =$

9.  $7 + 9 =$   
 $14 - 6 =$   
 $23 + 6 =$   
 $80 - 7 =$

10.  $13 - 7 =$   
 $19 - 14 =$   
 $90 - 70 =$   
 $90 - 7 =$

11.  $9 + 5 =$   
 $70 - 3 =$   
 $15 - 7 =$   
 $52 + 8 =$

12.  $20 + 70 =$   
 $60 - 6 =$   
 $12 - 8 =$   
 $9 + 9 =$



13. $17 - 9 =$	14. $80 - 3 =$	15. $9 + 2 =$	16. $14 - 8 =$
$90 - 30 =$	$9 + 6 =$	$52 + 7 =$	$37 + 3 =$
$16 - 9 =$	$15 - 6 =$	$12 + 5 =$	$39 - 3 =$
$47 + 3 =$	$50 + 20 =$	$60 - 20 =$	$60 + 20 =$

### RAUDTEEL.

1. Isa ja Eerik sõitsid pühapäeval rongiga vanaema juurde. Piletid maksid 30 rubla. Isa andis 50-rublalise raha. Kui palju raha sai isa tagasi?

2. Vagunis istus 16 inimest, neist olid 9 naised, teised mehed. Mitu meest oli vagunis?

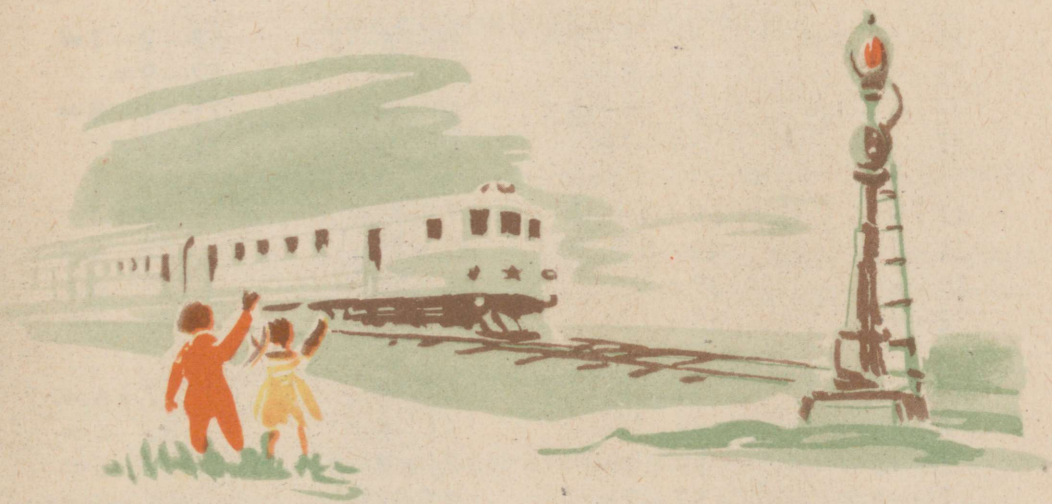
3. Vagunis oli 25 inimest. Jaamas väljus vagunist 6 inimest ja tuli peale 8 inimest. Mitu inimest on nüüd vagunis?

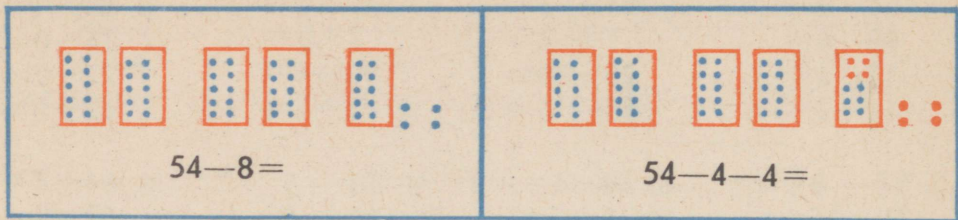
4. Kui isa ja Eerik väljusid, jäi vagunisse veel 7 meest ja 8 naist. Mida arvutame?

5. Koosta ülesanne raudteel sõidust, kus tuleb liita 32 ja 8; kus tuleb 15-st lahutada 7.



- |  |  |   |  |
|--|--|---|--|
| 1. $86-3=$<br>$98-6=$<br>$13-6=$<br>$11-2=$  | 2. $64+3=$<br>$7+4=$<br>$20+80=$<br>$48-3=$  | 3. $40-5=$<br>$7+8=$<br>$90-6=$<br>$43+7=$    | 4. $80-9=$<br>$16-8=$<br>$22+7=$<br>$62+8=$    |
| 5. $17-8=$<br>$80+10=$<br>$90-8=$<br>$69-3=$ | 6. $30-4=$<br>$6+5=$<br>$11-7=$<br>$94+6=$   | 7. $60-5=$<br>$15-9=$<br>$45+5=$<br>$18-12=$  | 8. $64+4=$<br>$50-9=$<br>$8+8=$<br>$14-7=$     |
| 9. $60-20=$<br>$57-2=$<br>$12-6=$<br>$67-5=$ | 10. $7+7=$<br>$50-3=$<br>$50-30=$<br>$95-4=$ | 11. $29-2=$<br>$12-9=$<br>$80-4=$<br>$80-40=$ | 12. $11-4=$<br>$90+7=$<br>$20-15=$<br>$8+5=$   |
| 13. $13-4=$<br>$82+7=$<br>$56-20=$<br>$7+5=$ | 14. $55-4=$<br>$7+7=$<br>$19-12=$<br>$24+6=$ | 15. $43+2=$<br>$50-6=$<br>$13-8=$<br>$36-4=$  | 16. $40+20=$<br>$40-7=$<br>$70-20=$<br>$47+3=$ |





$$54 - 8 =$$

$$54 - 4 - 4 =$$

$$38 + 5 =$$

Arvutan:  $38 + 2 + 3 = 43$

Kirjutan:  $38 + 5 = 43$

- |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|
| 1. $45 + 5 + 2 =$ | 2. $24 + 6 + 1 =$ | 3. $76 + 4 + 4 =$ | 4. $29 + 1 + 7 =$ |
| $45 + 7 =$        | $24 + 7 =$        | $76 + 8 =$        | $29 + 8 =$        |
| $68 + 2 + 7 =$    | $57 + 3 + 3 =$    | $84 + 6 + 3 =$    | $56 + 4 + 5 =$    |
| $68 + 9 =$        | $57 + 6 =$        | $84 + 9 =$        | $56 + 9 =$        |

$$42 - 5 =$$

Arvutan:  $42 - 2 - 3 = 37$

Kirjutan:  $42 - 5 = 37$

- |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|
| 5. $25 - 5 - 4 =$ | 6. $33 - 3 - 5 =$ | 7. $46 - 6 - 3 =$ | 8. $52 - 2 - 7 =$ |
| $25 - 9 =$        | $33 - 8 =$        | $46 - 9 =$        | $52 - 9 =$        |
| $27 - 7 - 1 =$    | $34 - 4 - 3 =$    | $48 - 8 - 1 =$    | $71 - 1 - 8 =$    |
| $27 - 8 =$        | $34 - 7 =$        | $48 - 9 =$        | $71 - 9 =$        |
| 9. $42 + 9 =$     | 10. $59 + 4 =$    | 11. $67 + 4 =$    | 12. $79 + 4 =$    |
| $24 - 7 =$        | $42 - 8 =$        | $21 - 7 =$        | $82 - 8 =$        |
| $55 + 6 =$        | $39 + 2 =$        | $39 + 5 =$        | $29 + 6 =$        |
| $32 - 4 =$        | $53 - 7 =$        | $62 - 8 =$        | $91 - 7 =$        |
| 13. $39 + 8 =$    | 14. $37 + 8 =$    | 15. $69 + 8 =$    | 16. $27 + 6 =$    |
| $82 - 5 =$        | $43 - 9 =$        | $33 - 5 =$        | $82 - 4 =$        |
| $28 + 3 =$        | $79 + 2 =$        | $76 + 8 =$        | $29 + 5 =$        |
| $71 - 6 =$        | $52 - 7 =$        | $93 - 7 =$        | $61 - 8 =$        |

17.  $56+7=$   
 $52-8=$   
 $14+8=$   
 $75-9=$

18.  $86+7=$   
 $31-6=$   
 $88+3=$   
 $41-9=$

19.  $28+5=$   
 $32-8=$   
 $57+6=$   
 $22-6=$

20.  $36+9=$   
 $82-9=$   
 $68+5=$   
 $62-4=$

21.  $19+6=$   
 $21-4=$   
 $48+7=$   
 $35-6=$

22.  $26+9=$   
 $55-7=$   
 $47+8=$   
 $41-3=$

23.  $57+8=$   
 $86-9=$   
 $87+6=$   
 $66-8=$

24.  $68+8=$   
 $73-7=$   
 $69+4=$   
 $61-4=$

25.  $56+7=$   
 $62-8=$   
 $14+9=$   
 $53-5=$

26.  $86+7=$   
 $95-6=$   
 $88+3=$   
 $24-9=$

27.  $28+5=$   
 $51-8=$   
 $57+6=$   
 $75-7=$



### PIPARKOOKE VALMISTAMAS.

1. Aino ja ema valmistasid piparkooke. Ema valmistas 73 piparkooki. Aino 8 piparkooki. Mida me arvutame?

2. Ühele plaadile mahtus 32 piparkooki, teisele 7 piparkooki vähem. Mitu piparkooki mahtus teisele plaadile?

3. Valmis piparkoogid pandi kahte kotti. Ühte kotti mahtus 38 piparkooki, teise 5 piparkooki rohkem. Mitu piparkooki mahtus teise kotti?

4. Piparkookidest oli ümmargusi 44, nelinurkseid oli 7 vähem. Kui palju oli nelinurkseid piparkooke?

5. Koosta ülesanne piparkookidest, kus tuleb liita 78 ja 5; kus tuleb 92-st lahutada 6.

1.  $56+9=$   
 $33-4=$   
 $69+2=$   
 $51-5=$
2.  $49+9=$   
 $82-3=$   
 $38+4=$   
 $31-5=$
3.  $37+9=$   
 $32-5=$   
 $58+3=$   
 $51-9=$
4.  $59-2=$   
 $22-8=$   
 $24+7=$   
 $28-9=$
5.  $79+7=$   
 $41-7=$   
 $19+9=$   
 $25-9=$
6.  $67+8=$   
 $91-3=$   
 $17+8=$   
 $22-5=$
7.  $43+7=$   
 $61-4=$   
 $28+9=$   
 $96-8=$
8.  $47+4=$   
 $22-9=$   
 $68+3=$   
 $64-5=$
9.  $29+6=$   
 $61-7=$   
 $77+4=$   
 $72-6=$
10.  $63+8=$   
 $92-8=$   
 $39+6=$   
 $31-4=$
11.  $84+7=$   
 $74-9=$   
 $89+6=$   
 $83-6=$
12.  $54+7=$   
 $43-4=$   
 $78+6=$   
 $84-7=$
13.  $88+5=$   
 $34-7=$   
 $28+8=$   
 $53-4=$
14.  $58+7=$   
 $46-8=$   
 $26+7=$   
 $64-6=$
15.  $56+8=$   
 $33-8=$   
 $46+9=$   
 $24-7=$
16.  $58+9=$   
 $73-6=$   
 $79+8=$   
 $57-9=$
17.  $49+8=$   
 $85-7=$   
 $29+3=$   
 $66-8=$
18.  $78+8=$   
 $45-6=$   
 $47+5=$   
 $32-8=$
19.  $66+6=$   
 $76-9=$   
 $19+4=$   
 $92-5=$
20.  $59+5=$   
 $66-8=$   
 $44+8=$   
 $75-7=$
21.  $44+7=$   
 $83-8=$   
 $58+9=$   
 $36-9=$
22.  $64+8=$   
 $52-6=$   
 $77+6=$   
 $84-9=$
23.  $17+7=$   
 $76-9=$   
 $34+9=$   
 $35-9=$
24.  $69+7=$   
 $41-3=$   
 $73+9=$   
 $72-8=$
25.  $49+3=$   
 $74-7=$   
 $88+7=$   
 $93-5=$
26.  $38+6=$   
 $66-8=$   
 $26+5=$   
 $61-2=$
27.  $87+8=$   
 $84-5=$   
 $48+7=$   
 $37-9=$
28.  $86+5=$   
 $24-7=$   
 $79+6=$   
 $96-8=$

## LINNUFARMIS.

1. Lapsed lähevad linnufarmi kanu ja parte vaatama. Ühes aias on 56 valget ja 9 kirjut kana. Mitu kana on kokku?

2. Teises aias on 23 parti. Nende hulgas on 4 vana parti, teised kõik on noored. Mitu noort parti on aias?

3. Pardiaed on jõe kaldal. 23-st pardist lähevad 3 jõkke sulistama. Mitu parti jääb kaldale?

4. Farmi talitaja läheb munakorviga. Tal on 39 kanamuna ja 3 pardimuna. Mitu muna on tal kokku?

5. Koosta ülesanne linnufarmist, kus on vaja liita 87 ja 9; kus on vaja 72-st lahutada 8.



1.  $86 + 8 =$   
 $52 - 9 =$   
 $9 + 37 =$   
 $46 - 7 =$

2.  $8 + 59 =$   
 $73 - 9 =$   
 $89 + 5 =$   
 $66 - 9 =$

3.  $45 + 6 =$   
 $54 - 9 =$   
 $9 + 78 =$   
 $52 - 5 =$

4.  $8 + 28 =$   
 $61 - 7 =$   
 $86 + 6 =$   
 $42 - 4 =$

5.  $48 + 9 =$   
 $93 - 9 =$   
 $8 + 88 =$   
 $71 - 3 =$

6.  $9 + 65 =$   
 $26 - 7 =$   
 $87 + 5 =$   
 $73 - 9 =$

7.  $76 + 7 =$   
 $51 - 6 =$   
 $5 + 77 =$   
 $24 - 9 =$

8.  $9 + 85 =$   
 $63 - 8 =$   
 $65 + 7 =$   
 $21 - 4 =$

- |  |  |  |  |
|--|--|--|--|
| 9. $38 + 9 =$<br>$72 - 8 =$<br>$5 + 59 =$<br>$62 - 6 =$  | 10. $6 + 65 =$<br>$97 - 7 =$<br>$77 + 8 =$<br>$81 - 2 =$ | 11. $48 + 5 =$<br>$21 - 6 =$<br>$8 + 57 =$<br>$93 - 7 =$ | 12. $7 + 35 =$<br>$82 - 8 =$<br>$54 + 8 =$<br>$72 - 9 =$ |
| 13. $36 + 7 =$<br>$41 - 5 =$<br>$4 + 87 =$<br>$63 - 8 =$ | 14. $9 + 88 =$<br>$31 - 3 =$<br>$49 + 4 =$<br>$54 - 5 =$ | 15. $68 + 8 =$<br>$61 - 2 =$<br>$6 + 46 =$<br>$22 - 7 =$ | 16. $7 + 58 =$<br>$44 - 9 =$<br>$37 + 8 =$<br>$56 - 8 =$ |
| 17. $9 + 76 =$<br>$43 - 6 =$<br>$36 + 8 =$<br>$65 - 9 =$ | 18. $79 + 5 =$<br>$36 - 8 =$<br>$6 + 48 =$<br>$63 - 9 =$ | 19. $9 + 82 =$<br>$55 - 7 =$<br>$59 + 7 =$<br>$63 - 8 =$ | 20. $79 + 8 =$<br>$52 - 7 =$<br>$4 + 39 =$<br>$43 - 4 =$ |
| 21. $66 + 5 =$<br>$22 - 3 =$<br>$8 + 58 =$<br>$42 - 5 =$ | 22. $9 + 49 =$<br>$71 - 4 =$<br>$57 + 9 =$<br>$44 - 5 =$ | 23. $84 + 8 =$<br>$95 - 8 =$<br>$9 + 35 =$<br>$31 - 2 =$ | 24. $6 + 68 =$<br>$83 - 7 =$<br>$79 + 7 =$<br>$43 - 9 =$ |
|  | 25. $7 + 25 =$<br>$82 - 4 =$<br>$78 + 8 =$<br>$44 - 8 =$ | 26. $69 + 7 =$<br>$23 - 5 =$<br>$7 + 18 =$<br>$52 - 9 =$ |  |

### ÕPILASTEST.

1. Tiidu klassis on 29 õpilast, Jaagu klassis on 4 õpilast rohkem. Mitu õpilast on Jaagu klassis?
2. Jalutuskäigust jõe äärde võttis osa 23 tüdrukut, poisse oli 7 vähem. Mida me arvutame?
3. 28 õpilast mängis palli. Siis tuli mängima veel 5 õpilast. Mitu õpilast on nüüd palli mängimas?
4. «Viimast paari» mängis 23 õpilast. Siis lahkus mängust 6 õpilast. Mitu õpilast jäi mängima?

5. Koosta ülesanne õpilastest, kus tuleb liita 28 ja 7; kus tuleb 32-st lahutada 7.



1.  $9+59=$   
 $23-5=$   
 $74+7=$   
 $47-9=$

2.  $83+9=$   
 $94-8=$   
 $7+75=$   
 $42-7=$

3.  $5+28=$   
 $38-9=$   
 $67+4=$   
 $24-6=$

4.  $39+6=$   
 $85-7=$   
 $19+2=$   
 $44-8=$

5.  $28+3=$   
 $32-5=$   
 $6+87=$   
 $97-9=$

6.  $5+38=$   
 $62-4=$   
 $4+37=$   
 $53-7=$

7.  $62+9=$   
 $55-8=$   
 $7+76=$   
 $84-8=$

8.  $54+7=$   
 $82-4=$   
 $9+35=$   
 $63-5=$

9.  $3+89=$   
 $22-4=$   
 $8+26=$   
 $56-9=$

10.  $47+8=$   
 $34-7=$   
 $8+45=$   
 $91-4=$

11.  $3+49=$   
 $71-8=$   
 $39+5=$   
 $41-6=$

12.  $7+89=$   
 $32-7=$   
 $29+8=$   
 $32-7=$

13.  $7+68=$   
 $52-6=$   
 $78+9=$   
 $62-8=$

14.  $6+59=$   
 $31-8=$   
 $59+7=$   
 $92-9=$

15.  $6+78=$   
 $63-5=$   
 $47+6=$   
 $93-7=$

16.  $7+38=$   
 $44-6=$   
 $76+5=$   
 $25-7=$

17. $28+6-3=$	18. $16+8-1=$	19. $47+8-3=$	20. $54+9-2=$
$42-5+2=$	$61-5-2=$	$72-7+4=$	$76-8+1=$
$58+6-1=$	$35+8-3=$	$69+8-5=$	$87+6-3=$
$34-7+3=$	$24-9+4=$	$35-8+2=$	$42-8+3=$

### LAPSI KAALUMAS.

1. Kooliarst kaalus lapsi. Rein kaalus 41 kg, Reet oli 3 kg kergem. Mida me arvutame?

2. Sirje kaalus 38 kg, Malle oli 5 kg raskem. Mitu kilogrammi kaalus Malle?

3. Jaak kaalus 43 kg, Jüri oli 6 kg kergem. Mitu kilogrammi kaalus Jüri?

4. Tiiu kaalus 37 kg, Maret oli 9 kg raskem. Mida me arvutame?

5. Koosta ülesanne õpilaste kaalumisest, kus tuleb liita 38 ja 7; kus tuleb 45-st lahutada 9.

1.  $26+9=$

$65-6=$

$7+76=$

$56-8=$

2.  $43+8=$

$36-7=$

$7+24=$

$58-9=$

3.  $74+8=$

$63-5=$

$4+47=$

$53-6=$

4.  $65+8=$

$52-3=$

$5+49=$

$34-6=$

5.  $77+8=$

$46-9=$

$9+29=$

$41-8=$

6.  $78+4=$

$53-5=$

$4+77=$

$45-7=$

7.  $8+26=$

$53-4=$

$74+7=$

$33-8=$

8.  $4+28=$

$85-7=$

$73+9=$

$45-6=$

9.  $5+19=$

$54-5=$

$27+8=$

$52-6=$

10.  $7+65=$

$76-9=$

$18+4=$

$74-7=$

11.  $8+59=$

$93-5=$

$57+7=$

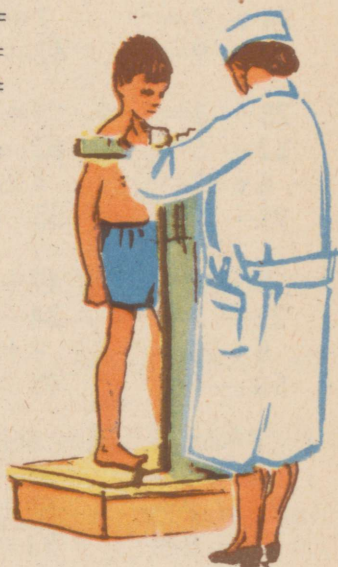
$26-7=$

12.  $8+64=$

$32-4=$

$6+35=$

$47-8=$



## RONG.

1. Vagunis oli 21 kasti kaupa. Jaamas laaditi maha 5 kasti. Mitu kasti jäi vagunisse?

2. Teises vagunis oli 25 kasti kaupa. Jaamas pandi juurde veel 7 kasti. Mida me arvutame?

3. Rongis oli 32 vagunit. Meie raudteejaamas jäeti 5 vagunit kaubaga maha. Mitu vagunit sõitis edasi?

4. Jaamas seisid reisi- ja kaubarong. Kaubarongil oli 43 vagunit, reisirongil 9 vagunit. Mitu vagunit oli mõlemal rongil kokku?

5. Koosta ülesanne vagunitest, kus tuleb liita 37 ja 8; kus tuleb 45-st lahutada 7.

1. $78+9=$	2. $87+8=$	3. $74+7=$	4. $84+9=$
$94-8=$	$56-9=$	$72-7=$	$58-9=$
$23+8=$	$48+6=$	$38+5=$	$79+5=$
$63-7=$	$64-6=$	$65-6=$	$62-7=$

5. $26+8=$	6. $62+9=$	7. $87+9=$	8. $69+7=$
$85-9=$	$84-9=$	$86-7=$	$66-9=$
$39+7=$	$16+9=$	$58+4=$	$33+8=$
$26-6=$	$76-8=$	$32-6=$	$91-7=$

9. $47+9=$	10. $59+7=$	11. $77+9=$	12. $57+4=$
$93-6=$	$55-8=$	$92-9=$	$73-5=$
$78+3=$	$88+8=$	$26+5=$	$18+8=$
$35-9=$	$63-6=$	$41-4=$	$62-3=$

13. $4+8-3=$	14. $25+9-3=$	15. $14-8+3=$	16. $31-6+4=$
$8+8-6=$	$57-8-5=$	$22-9+6=$	$68-5+8=$
$2+9-2=$	$74+9+2=$	$64-8+1=$	$37-4+9=$
$9+8-7=$	$36-7-4=$	$83-9+5=$	$79-6+8=$

17. $67+8-2=$	18. $81-6+3=$	19. $54-5-4=$	20. $72-6+3=$
$33-8+2=$	$68+7-5=$	$86+9-5=$	$31-5+1=$
$59+6-3=$	$13-6+8=$	$35-6+1=$	$19+6-3=$
$62-7+4=$	$47+7-2=$	$95+4-7=$	$77-9+2=$

## KEVAD.

1. Kooliaeda lendas 32 kuldnokka. 9 neist lendas ära. Mitu kuldnokka jäi kooliaeda?

2. Kooli lähedal pargis on 29 kuldnoka pesakasti. Noored naturalistid panid üles veel 7 pesakasti. Mitu pesakasti on nüüd pargis?

3. Koolimaja ees peenral õitseb 37 punast ja 8 kollast tulpi. Mitu tulpi on kokku?

4. Peenral on 34 lille. Lapsed töid 8 lille klassi. Mitu lille jäi peenrale?

5. Koosta ülesanne kuldnokkadest, kus tuleb liita 18 ja 7; kus tuleb 25-st lahutada 9.

1.  $47 + 5 =$       2.  $9 + 23 =$   
 $34 - 7 =$          $64 - 6 =$   
 $8 + 26 =$          $74 + 7 =$   
 $53 - 4 =$          $33 - 8 =$

3.  $86 + 5 =$       4.  $7 + 44 =$   
 $73 - 6 =$          $66 - 8 =$   
 $4 + 28 =$          $73 + 9 =$   
 $57 - 9 =$          $45 - 6 =$

5.  $4 + 68 =$       6.  $37 + 6 =$   
 $76 - 9 =$          $4 + 48 =$   
 $34 + 7 =$          $54 - 5 =$   
 $92 - 4 =$          $27 + 8 =$



7.  $3+49=$

$83-7=$

$94+9=$

$36-8=$

8.  $84+9=$

$7+65=$

$76-9=$

$19+4=$

9.  $78+8=$

$41-3=$

$8+59=$

$74-7=$

10.  $5+47=$

$66-8=$

$57+7=$

$61-2=$

11.  $96+8=$

$84-5=$

$8+64=$

$37-9=$

12.  $2+89=$

$96-8=$

$17+4=$

$44-7=$

13.  $56-3+8=$

$58-5+8=$

$63+8-1=$

$12+6-9=$

14.  $51-6+3=$

$73-6+2=$

$14+9-3=$

$55-8+2=$

15.  $64-7+1=$

$38+9-4=$

$34-8+3=$

$43+5-8=$



### KODUS.

1. Ema on 28 aastat vana. Isa on emast 5 aastat vanem. Kui vana on isa?
2. Vend on 13-aastane, õde on 4 aastat noorem. Kui vana on õde?
3. Üks tuba on 6 m pikk, teine 2 m pikem. Kui pikk on teine tuba?
4. Reedal on 27 raamatut, Tõnul aga 8 raamatut rohkem. Mitu raamatut on Tõnul?
5. Aias kasvab 36 marjapõõsast. Neist on 7 tikerberipõõsad, ülejäänud aga sõstrapõõsad. Mitu sõstrapõõsast kasvab aias?
6. Meie maja on 12 m pikk. Laius on 4 m lühem. Kui lai on maja?

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| 1. $9+72=$    | 2. $25+8=$    | 3. $9+22=$    | 4. $83+8=$    |
| $23-5=$       | $42-7=$       | $85-6=$       | $34-6=$       |
| $85+8=$       | $6+68=$       | $69+3=$       | $7+27=$       |
| $47-9=$       | $38-9=$       | $44-5=$       | $69+2=$       |
|               |               |               |               |
| 5. $28+5=$    | 6. $7+35=$    | 7. $68+4=$    | 8. $4+87=$    |
| $43-8=$       | $65-7=$       | $32-3=$       | $52-4=$       |
| $9+64=$       | $49+2=$       | $8+49=$       | $69+5=$       |
| $25-8=$       | $92-8=$       | $22-6=$       | $72-5=$       |
|               |               |               |               |
| 9. $28+3=$    | 10. $4+37=$   | 11. $54+7=$   | 12. $8+26=$   |
| $32-5=$       | $53-7=$       | $82-4=$       | $56-9=$       |
| $6+87=$       | $62+9=$       | $9+35=$       | $47+8=$       |
| $97-9=$       | $55-8=$       | $63-5=$       | $34-7=$       |
|               |               |               |               |
| 13. $28+7-3=$ | 14. $13-7+5=$ | 15. $73+8-1=$ | 16. $42-8+3=$ |
| $92-8+4=$     | $38+4-2=$     | $15-9+8=$     | $57+6-2=$     |
| $57+5-1=$     | $51-7+3=$     | $47+8-5=$     | $13-8+5=$     |
| $61-9+5=$     | $36+9-1=$     | $8+7-6=$      | $12-5-7=$     |

### METSAS.

1. Anni korjas 43 sinilille, Evi korjas 8 sinilille rohkem. Mitu sinilille korjas Evi?
2. Aino korjas 53 ülast, Mati korjas 8 ülast vähem. Mitu ülast korjas Mati?
3. Arvo leidis 27 käbi, Ülo leidis 9 käbi rohkem. Mitu käbi leidis Ülo?
4. Lapsed istusid palkidele jalgu puhkama. Ühel palgil istus 18 last, teisel 3 last rohkem. Mitu last istus teisel palgil?
5. Koosta ülesanne metsast, kus on vaja liita 48 ja 7; kus on vaja 32-st lahutada 5.



1.  $3+49=$

$71-8=$

$39+5=$

$41-6=$

2.  $29+8=$

$32-3=$

$7+68=$

$52-6=$

3.  $6+59=$

$31-8=$

$59+7=$

$92-9=$

4.  $47+6=$

$93-7=$

$7+38=$

$44-6=$

5.  $26+9=$

$65-6=$

$7+76=$

$56-8=$

6.  $7+24=$

$58-9=$

$74+8=$

$63-5=$

7.  $65+8=$

$52-3=$

$5+49=$

$34-6=$

8.  $9+29=$

$41-8=$

$78+4=$

$53-5=$

9.  $8+26=$

$53-4=$

$74+7=$

$33-8=$

10.  $73+9=$

$43-6=$

$5+19=$

$54-5=$

11.  $7+65=$

$76-9=$

$18-4=$

$74-7=$

12.  $57+7=$

$26-7=$

$8+64=$

$32-4=$

13.  $5+8-6=$  14.  $19+7-4=$  15.  $63-8+3=$  16.  $49+6-3=$

$17-9+3=$

$21-5+3=$

$12+8-7=$

$92-8+2=$

$38+7-2=$

$48+6-4=$

$14-9+5=$

$78+9-1=$

$21-5+4=$

$92-7+5=$

$12+8-3=$

$15-8-7=$

## NÄDAL JA PÄEV.

# ESMASPÄEV TEISIPÄEV KOLMAPÄEV NELJAPÄEV REEDE LAUPÄEV PÜHAPÄEV

1. Nädalas on seitse päeva. Mitu päeva on 2 nädalas? 3 nädalas?

2. Reinu ema puhkus kestis 24 päeva. Sellest veetis ta ühe nädala koos lastega mererannas, ülejäänud aja kodus. Mida me arvutame?

3. Tõnu sõitis suvel 28 päevaks maale tädidi juurde. Enne maalt ärasõitu sai ta kirja, milles teda lubati jääda veel üheks nädalaks maale. Mitu päeva veetis Tõnu tädidi juures?

4. Jüri sõitis suve lõpul 21 päevaks telklaagrisse. Et aga ilmad väga külmaks ja vihmaseks muutusid, lõpetas pioneerilaager oma tegevuse nädal aega varem, kui oli ette nähtud. Mitu päeva oli Jüri pioneerilaagris?

5. Nädalas on 6 tööpäeva. Mitu tööpäeva on 2 nädalas? 3 nädalas? Loenda kalendrist, mitu tööpäeva on aprillis? mais?

6. Koosta ülesanne nädalast ja päevadest, kus tuleb liita 36 ja 7; kus tuleb 42-st lahutada 7.

1.  $18+7=$   
 $42-6=$   
 $29+7=$   
 $51-7=$

2.  $28+6=$   
 $35-7=$   
 $54+7=$   
 $92-6=$

3.  $58+7=$   
 $34-6=$   
 $28+7=$   
 $41-6=$

4.  $17+6=$   
 $24-7=$   
 $39+6=$   
 $41-7=$

5.  $7+25=$   
 $55-6=$   
 $28+7=$   
 $31-7=$

6.  $49+7=$   
 $53-7=$   
 $7+38=$   
 $25-6=$

7.  $6+18=$   
 $63-7=$   
 $48+6=$   
 $92-6=$

8.  $79+6=$   
 $13-7=$   
 $6+87=$   
 $45-6=$

9.  $47+5=$   
 $34-7=$   
 $4+68=$   
 $76-9=$

10.  $37+6=$   
 $54-5=$   
 $8+27=$   
 $64-6=$

11.  $9+23=$   
 $24-7=$   
 $5+59=$   
 $33-8=$

12.  $86+5=$   
 $73-6=$   
 $4+28=$   
 $57-9=$

13.  $51 + 3 - 7 =$  14.  $68 - 5 + 9 =$  15.  $48 - 2 + 7 =$  16.  $91 - 8 + 3 =$   
 $42 - 6 + 2 =$   $37 + 6 - 1 =$   $85 + 9 - 1 =$   $75 + 6 - 1 =$   
 $84 + 3 - 9 =$   $71 - 8 + 3 =$   $28 - 3 + 6 =$   $32 - 8 + 5 =$   
 $23 - 2 - 8 =$   $58 - 5 + 8 =$   $62 + 1 - 8 =$   $18 + 9 - 6 =$



### KARJAFARMIS.

1. Kolhoosi karjafarmis on 92 lehma. Neist 8 lehma on kinni (ei lüpsa). Mida me arvutame?
2. Ühe lüpsja parim lehm andis viimase kontroll-lüpsi puhul 38 kg piima päeva kohta, teise lüpsja parim lehm aga 4 kg rohkem. Mitu kilogrammi piima andis päeva kohta teise lüpsja parim lehm?
3. Ühel hommikul viis auto karjafarmist meiereisse 42 nõutäit piima. Eelmisel hommikul viidi aga 3 nõutäit vähem. Mitu nõutäit piima viidi meiereisse eelmisel hommikul?
4. «Kui me loomad karjakoplitesse laseme, siis hakkame iga päev vähemalt 9 nõutäit piima rohkem meiereisse saatma, kui täna saatsime,» arvas brigadir. Mida me arvutame?
5. Koosta ülesanne karjafarmist, kus tuleb liita 38 ja 7; kus tuleb 45-st lahutada 9.

- |  |   |  |  |
|--|---|--|--|
| 1. $8+27=$<br>$35-8=$<br>$46+8=$<br>$34-9=$          | 2. $6+38=$<br>$47-9=$<br>$73+8=$<br>$61-5=$       | 3. $52-8=$<br>$7+75=$<br>$33-6=$<br>$8+15=$          | 4. $7+64=$<br>$84-8=$<br>$9+76=$<br>$83-5=$          |
| 5. $4+68=$<br>$76-9=$<br>$34+7=$<br>$92-4=$          | 6. $5+18=$<br>$66-8=$<br>$4+48=$<br>$54-5=$       | 7. $27+8=$<br>$75-7=$<br>$6+65=$<br>$52-6=$          | 8. $3+49=$<br>$83-7=$<br>$94+9=$<br>$36-8=$          |
| 9. $84+9=$<br>$76-9=$<br>$7+65=$<br>$35-9=$          | 10. $3+29=$<br>$41-3=$<br>$8+59=$<br>$74-7=$      | 11. $38+6=$<br>$93-5=$<br>$5+47=$<br>$66-8=$         | 12. $96+8=$<br>$84-5=$<br>$8+64=$<br>$37-9=$         |
| 13. $52-4-3=$<br>$48+9-6=$<br>$72-3-5=$<br>$18+9-7=$ | 14. $7+8+5=$<br>$9-3+2=$<br>$12-8-4=$<br>$7+5-2=$ | 15. $18-5+7=$<br>$32-8+6=$<br>$57+6-3=$<br>$41-5+2=$ | 16. $37+5-1=$<br>$63-8+4=$<br>$85+6-1=$<br>$13-6-7=$ |

### KOOLIPEOL.

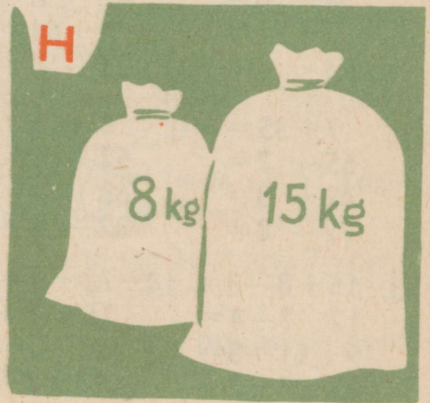
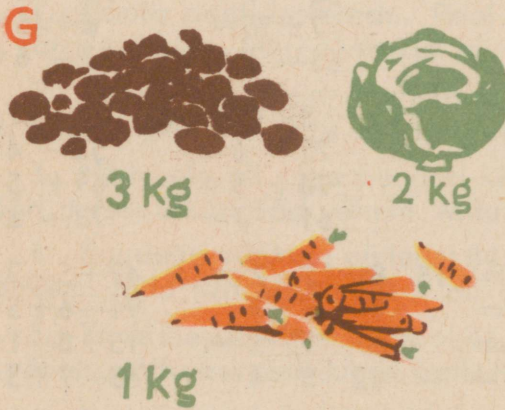
1. Koolis peeti lastepidu. Peol oli 57 poissi. Tüdrukuid oli 8 võrra rohkem. Mitu tüdrukut oli koolipeol?
2. Lapsed mängisid ringmängu. Ringis oli 38 last, ringi sees oli 9 last. Mitu last võttis osa ringmängust?
3. Näitusele oli välja pandud käsitöid. Ühel laual oli 57 käsitööd, teisel 8 käsitööd vähem. Mitu käsitööd oli teisel laual?
4. Ruudulisi vihikuid oli laual 84, joonelisi vihikuid aga 7 võrra rohkem. Mitu joonelist vihikut oli laual?
5. Teise klassi õpilasi oli peol 41, esimese klassi õpilasi oli peol 6 vähem. Mitu esimese klassi õpilast oli peol?
6. Koosta veel ülesandeid koolipeost.

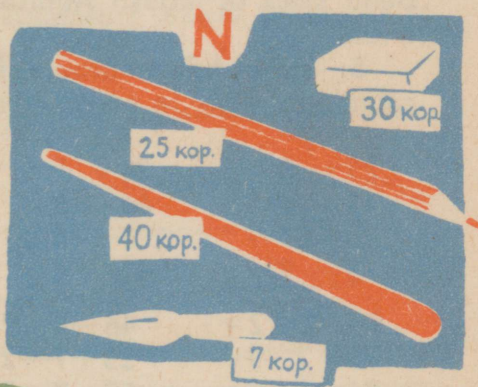


1.  $9+72=$     2.  $6+77=$     3.  $59+3=$     4.  $69+3=$   
 $23-5=$      $94-9=$      $24-6=$      $44-5=$   
 $85+8=$      $25+8=$      $9+22=$      $8+34=$   
 $47-9=$      $32-7=$      $85-6=$      $92-6=$
5.  $83+8=$     6.  $5+77=$     7.  $4+77=$     8.  $49+2=$   
 $34-6=$      $43-8=$      $36-7=$      $92-8=$   
 $7+27=$      $9+64=$      $7+35=$      $6+45=$   
 $63-4=$      $25-8=$      $65-9=$      $52-6=$
9.  $7+35=$     10.  $6+45=$     11.  $8+49=$     12.  $4+87=$   
 $65-7=$      $52-6=$      $22-6=$      $52-4=$   
 $49+3=$      $68+4=$      $78+3=$      $69+5=$   
 $92-8=$      $32-3=$      $61-7=$      $72-6=$
13.  $15+8-3=$     14.  $72+9-1=$     15.  $8+15-2=$     16.  $47+5-3=$   
 $12-7-4=$      $15+7-2=$      $7-3+8=$      $91-6+5=$   
 $9+11-8=$      $32-5+3=$      $5+9-3=$      $15+8-1=$   
 $25-9+2=$      $18+4-2=$      $12-8-4=$      $63-7+3=$

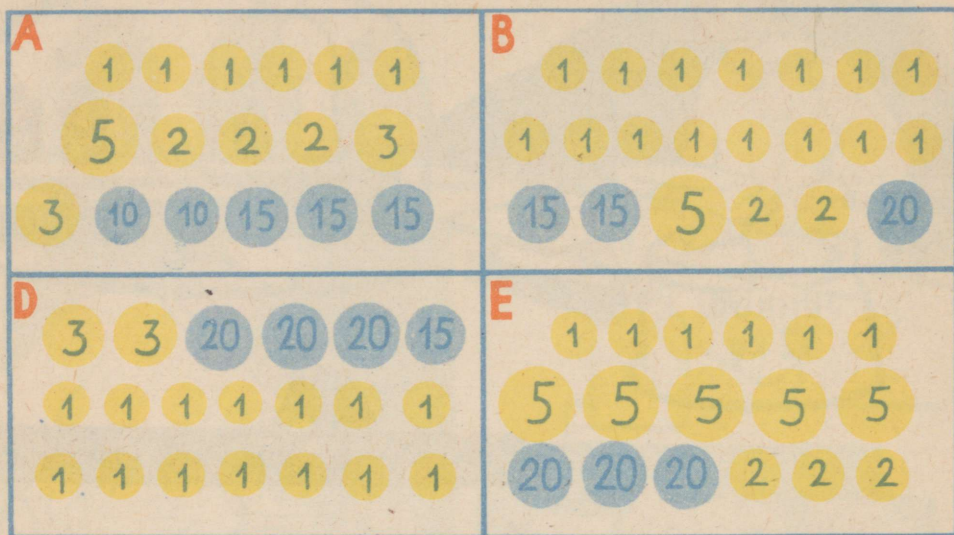
# KORDAMISEKS.

1. Koosta alljärgnevate piltide kohta ülesanded ja lahenda need.





2. Mitu kopikat on kujutatud igal pildil?



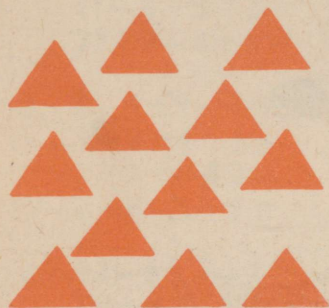
3. Trammipilet maksab 30 kopikat. Milliste rahadega saab seda tasuda?

4. Viivi andis trammikondutorile kaks 20-kopikast raha. Kui palju saab ta tagasi? Millised rahad võib konduktor talle tagasi anda?

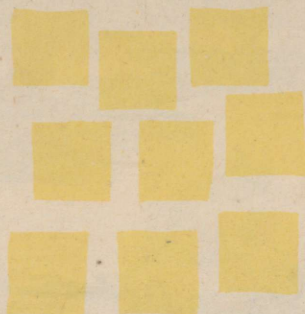
5. Urvel tuli omnibussisõidu eest maksta 45 kopikat. Milliste rahadega võib ta sõidu eest maksta?

- |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|
| 1. $25 + 8 =$     | 2. $28 + 9 =$     | 3. $6 + 36 =$     | 4. $5 + 86 =$     |
| $43 - 6 =$        | $66 - 8 =$        | $85 - 7 =$        | $73 - 6 =$        |
| $4 + 57 =$        | $7 + 44 =$        | $28 + 4 =$        | $23 + 9 =$        |
| $73 - 9 =$        | $42 - 6 =$        | $57 - 9 =$        | $24 - 7 =$        |
| 5. $54 - 8 + 2 =$ | 6. $46 - 4 - 9 =$ | 7. $82 - 4 - 5 =$ | 8. $26 - 9 + 2 =$ |
| $75 + 7 - 1 =$    | $53 + 7 - 2 =$    | $44 - 8 + 2 =$    | $64 + 7 + 5 =$    |
| $96 - 9 + 3 =$    | $57 - 8 - 5 =$    | $52 - 7 + 2 =$    | $19 - 5 + 6 =$    |
| $39 + 8 - 5 =$    | $32 - 5 + 1 =$    | $97 - 9 - 4 =$    | $27 + 4 - 1 =$    |

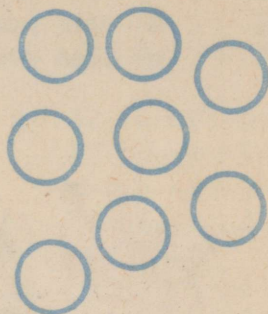
Vaatle pilti ja loe, mis on kirjutatud pildi alla.



Kolmnurgad

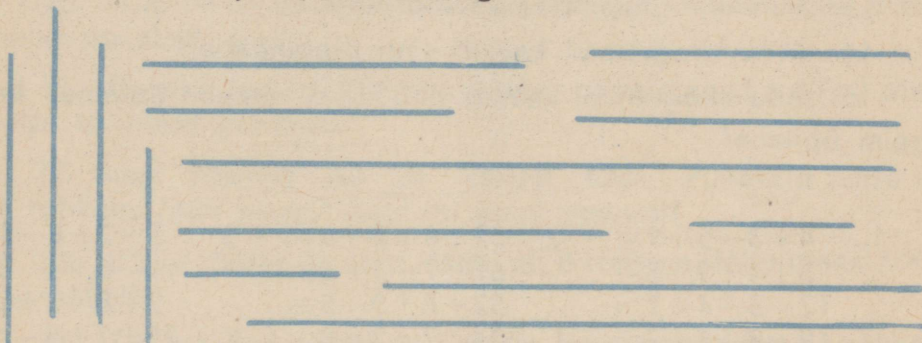


Nelinurgad



Ringid

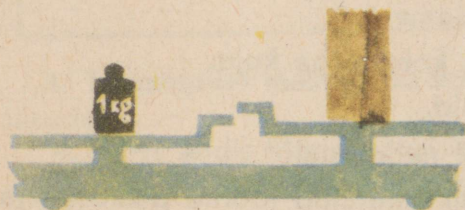
1. Leia pildilt kõik ringid.
2. Leia pildilt kõik kolmnurgad.
3. Leia pildilt kõik nelinurgad.
4. Nimeta nelinurgakujulisi esemeid.
5. Nimeta esemeid, millel on kolmnurga kuju:
6. Nimeta ringikujulisi esemeid.
7. Mitu nurka on kolmnurgal? nelinurgal?
8. Hinda esiteks silmaga pildil kujutatud joonte pikkused ja mõõda need seejärel sentimeetriga.



9. Mõõda sentimeetriga ja kirjuta vihikusse  
 a) oma kinga pikkus kannast ninani,  
 b) oma pea übermõõt,  
 d) oma rinna übermõõt.



10. Mitu sentimeetrit on sinu parim saavutus kõrgtshüppes?  
 11. Mitu sentimeetrit hüppab teie klassi parim sportlane kõrgust?



12. Kas kott kaalul on raskem või kergem kui 1 kg?

13. Mitu kilogrammi sa kaalud?  
 14. Mitu kilogrammi kaalub sinu pinginaaber?  
 15. Mitu kilogrammi kaalub sinu klassi raskeim õpilane? kergeim õpilane?

1.	$4+3-5+9=$	2.	$32+6+7-3=$	3.	$5+2+8-1=$
	$5+4+9-8=$		$61-7-3+6=$		$11-6+4-3=$
	$12-5-4+7=$		$52+6+9-5=$		$9+8-3+2=$
	$19-8-6+3=$		$34-7+2-8=$		$25+7+5-4=$

$$4. \quad 92 - 8 + 3 - 5 =$$

$$48 + 7 - 2 + 4 =$$

$$11 - 6 + 3 - 2 =$$

$$27 + 9 - 4 + 3 =$$

$$5. \quad 8 - 5 + 9 - 7 =$$

$$9 + 7 - 4 + 3 =$$

$$7 - 2 + 8 - 2 =$$

$$6 + 8 - 1 + 5 =$$

$$6. \quad 32 - 5 + 2 - 4 =$$

$$89 + 8 - 5 + 3 =$$

$$42 - 6 + 3 - 5 =$$

$$28 + 7 - 4 + 9 =$$



$$7. \quad 8 - 3 + 4 + 25 =$$

$$7 + 2 - 5 + 38 =$$

$$58 - 7 - 6 + 3 =$$

$$49 + 8 - 5 + 2 =$$

$$8. \quad 42 + 6 + 9 - 5 =$$

$$81 - 5 - 4 + 3 =$$

$$19 + 8 - 3 + 5 =$$

$$8 + 6 - 1 + 4 =$$

$$9. \quad 5 + 8 + 4 - 6 =$$

$$9 - 2 + 6 - 3 =$$

$$7 - 8 + 4 - 5 =$$

$$25 + 7 + 7 - 4 =$$

16. Mikul oli üks 2-kopikaline, üks 3-kopikaline ja üks 5-kopikaline. Ta ostis 4-kopikase sulle. Mitu kopikat jäi Mikul järele?

17. Kaarel leidis ühe õunapuu alt 5 õuna, teise alt 3 õuna. 4 õuna andis ta õele. Mitu õuna jäi Kaarlile endale?

18. Emal oli 17 teeklaasi. 2 neist läks katki. Mitu teeklaasi on nüüd emal?

19. Riina loeb raamatut. Tal on loetud 37 lehekülge, lugeda jääb veel 9 lehekülge. Mitu lehekülge on selles raamatus?

20. Aias on 47 pirnipuud. Õunapuid on 8 rohkem. Mitu õunapuud on aias?

21. Peenral kasvas 32 tulpi. Peeter murdis neist 5 tulpi. Mitu tulpi on nüüd peenral?

22. Jaani peenral on 28 kollast tulpi. Punaseid tulpe on 6 rohkem. Mitu punast tulpi on Jaani peenral?

23. Pöllul töötas 25 naist. Mehi oli 8 rohkem. Mitu meest töötas põllul?

24. Tänaval ühel poolel on 51 maja, teisel poolel 8 maja vähem. Mitu maja on tänaval teisel poolel?

25. Emal on kaks pesunööri. Üks on 27 m pikk, teine 7 m pikem. Kui pikk on teine nööri?

26. Kirjamark maksab 40 kopikat. Jaagul puudub kirjamargi ostmiseks 8 kopikat. Kui palju on Jaagul raha?

27. Karjas on 85 lehma. Lambaid on 9 rohkem. Mitu lammast on karjas?

28. Ühes klassis on 22 pinki, teises on 5 pinki vähem. Mitu pinki on teises klassis?

29. Õues mängis 21 last, neist 5 olid tüdrukud. Mitu poissi mängis õues?

1.  $15+8+6-5=$     2.  $18-5-7+2=$     3.  $59+4+5-2=$   
 $9+7-4+8=$      $9-4+2+39=$      $12-8+3-7=$   
 $13-6+3-10=$      $81-7+5-3=$      $28-7-2-6=$   
 $48-3+7-2=$      $17+9-5+4=$      $8+4+5-15=$

4.  $7+6-2+9=$     5.  $42-8+3-5=$     6.  $75+9-2+6=$   
 $32-7+3-8=$      $17+9-5+8=$      $8-3+2+58=$   
 $5+3+1-11=$      $82-4-3+2=$      $38+5+6-5=$   
 $3+2-1+68=$      $6+8-2+5=$      $13-8+3-8=$

7.  $94-8+3-5=$     8.  $29+6-3+8=$     9.  $71-8+2-5=$   
 $63+2-7+2=$      $53-7+2-5=$      $92+6-5-8=$   
 $22-7+3-8=$      $47+5-1+9=$      $7-2+8-1=$   
 $9+28-2+3=$      $100-5+2-9=$      $37+9-5+8=$

30. Salme leidis 15 võiseent ja 4 riisikat. 3 seent olid ussitanud ja tuli ära visata, teised pani ta aga korvi. Mitu seent pani Salme korvi?

31. Lasteaias on 12 palli. 3 neist on punased ja 4 sinised, teised kõik on valged. Mitu valget palli on lasteaias?

32. Töökojas parandati ühel nädalal 3 traktorit. Järgmisel nädalal otsustati parandada 1 traktor rohkem. Mitu traktorit parandati järgmisel nädalal? Mitu traktorit parandati mõlemal nädalal kokku?

33. Peeter on 17-aastane. Inna on 5 aastat noorem. Kui vana on Inna?

34. Ühes koormas on 35 kasti kaubaga, teises on 9 kasti rohkem. Mitu kasti on teises koormas?

35. Ühel riiulil on 31 raamatut, teisel on 8 raamatut vähem. Mitu raamatut on teisel riiulil?

36. Jaagul oli 42 pähklit. Ta andis 9 pähklit õele. Mitu pähklit on nüüd Jaagul?

37. Ühel pool tänavat kasvab 28 pärna, teisel pool 9 pärna rohkem. Mitu pärna kasvab teisel pool tänavat?

38. Isa on 34-aastane, ema on 6 aastat noorem. Kui vana on ema?

39. Jaak käis isaga koos vähil. Isa püüdis 62 vähki, Jaak 8 vähki vähem. Mitu vähki püüdis Jaak?

40. Maret kulutas 20 kopikat. Nüüd on tal raha järel 50 kopikat. Kui palju oli Maretil enne raha?

41. Üks pakk kaalub 14 kg, teine 9 kg. Mitu kilogrammi on esimene pakk teisest raskem? Mitu kilogrammi kaalusid mõlemad pakid kokku?

42. Venna ja õe vanus kokku on 15 aastat. Vend on 8-aastane. Kui vana on õde?

43. Kahte nõusse valati kummassegi 6 l piima. Seejärel valati teise nõusse veel 2 l piima. Mitu liitrit piima on nüüd teises nõus? Mitu liitrit piima on mõlemas nõus kokku?

1. $8 + 9 - 5 + 6 =$	2. $52 - 5 + 2 - 4 =$	3. $3 + 6 + 15 - 3 =$
$9 - 4 + 8 - 7 =$	$17 - 13 + 3 + 8 =$	$7 - 5 + 9 - 10 =$
$2 + 9 + 7 - 3 =$	$21 + 4 - 8 - 11 =$	$4 + 28 - 1 + 7 =$
$18 - 12 - 1 - 5 =$	$32 - 6 + 3 - 5 =$	$91 - 7 + 5 - 8 =$

4.	$18 - 15 + 2 + 38 =$	5.	$19 - 17 + 9 + 3 =$	6.	$48 + 8 - 4 + 3 =$
	$23 - 6 - 13 + 6 =$		$22 - 4 - 15 + 7 =$		$52 - 9 + 4 - 5 =$
	$88 + 7 - 3 + 8 =$		$65 + 8 - 1 + 5 =$		$17 - 12 + 3 + 56 =$
	$53 - 8 + 2 - 7 =$		$38 - 6 - 5 + 3 =$		$85 + 7 - 2 + 10 =$
7.	$50 + 40 - 5 + 2 =$	8.	$15 + 8 + 4 - 7 =$	9.	$62 - 5 + 2 - 5 =$
	$70 - 50 + 9 - 4 =$		$21 - 5 + 3 - 12 =$		$13 - 8 + 5 - 2 =$
	$60 + 30 - 7 - 8 =$		$100 - 30 - 8 - 5 =$		$23 - 5 - 13 + 3 =$
	$90 - 70 - 2 - 15 =$		$38 + 9 - 5 + 8 =$		$9 + 7 + 2 - 15 =$

44. Kahes kotis oli kummaski 8 kg suhkrut. Teisest kotist tarvitati 3 kg ära. Mitu kilogrammi suhkrut jäi nüüd teise kotti? Mitu kilogrammi jäi mõlemasse kotti kokku?

45. Lennuväljal oli 12 lennukit. Sinna maandus veel 3 lennukit, veidi aja pärast aga tõusis 6 lennukit uuesti õhku. Mitu lennukit jäi järele?

46. Emal oli 2 tükki riidet: ühes 4 m, teises 5 m. Pikemast tükist tarvitas ta 3 m kleidi õmblemiseks. Mitu meetrit riidet jäi järele?

47. Ema lõikas 16 m pikkuse nööri kolmeks: esimene tükk on 7 m, teine 5 m. Kui pikk on kolmas tükk?

48. Kolm töölist said töö eest kokku 30 rubla. Esimene tööline sai sellest 11 rubla, teine 9 rubla. Kui palju sai kolmas tööline?

49. Autobussis on 28 istekohta. Bussis istub juba 9 inimest. Mitu istekohta on veel vabad?

50. Bussis oli 15 sõitjat. Esimeses peatuses lahkus 7 sõitjat, teises peatuses 4 sõitjat. Mitu sõitjat on nüüd bussis?

51. Ema ostis 12 pesunööpi. Neist õmbles ta 11 särkide ette. Mitu nööpi jäi järele?

52. Malle sünnipäevale pidi tulema 17 külalist, tuli aga 15. Mitu külalist jäi tulemata?

53. Trepil on 18 astet. Mikk on 15. astmel. Mitu astet on tal veel astuda, et üles jõuda?

54. Paulil on 17 kopikat. Pärast sule ostmist jäi talle veel 12 kopikat. Kui palju maksis sulg?

55. Maja kõrguseks on ette nähtud 19 m. Seinad on juba laotud 16 m kõrguseni. Mitu meetrit on veel ehitada?

56. Emal oli 14 muna. Ta keetis hommikul 4 ja õhtul 5 muna. Mitu muna jäi emal järele?

1.  $9-7+16-13=$   
 $8-3+32+6=$   
 $58+4+5-8=$   
 $23-8-12+7=$
2.  $18-12+9-4=$   
 $15-11+7+9=$   
 $36+8+5-3=$   
 $72-8-3+9=$
3.  $4+5+7-11=$   
 $8+9-12-5=$   
 $12-7+3-6=$   
 $68+9-2+3=$
4.  $47+6-1+8=$   
 $32-8+5-4=$   
 $9-6+15-12=$   
 $17-11+8-3=$
5.  $100-40-8-7=$   
 $30+70-6-8=$   
 $9+15-6-12=$   
 $45-7+1-8=$
6.  $20+60-8-4=$   
 $19-13+9-3=$   
 $48+8-3+5=$   
 $21-3-1-14=$
7.  $9+5-11+7=$   
 $62-8+5-3=$   
 $15+7+6-8=$   
 $31-9-3-12=$
8.  $28+7-4+6=$   
 $7+12-15-4=$   
 $92-8+5-7=$   
 $13-11+8-5=$
9.  $4+18+8-3=$   
 $15-12+7-4=$   
 $48+9-2+4=$   
 $23-8-11-3=$
10.  $91-5+7-8=$   
 $18+4-7+9=$   
 $61-6+8-9=$   
 $44-7+8-9=$
11.  $55-6+7-5=$   
 $33-4+8-5=$   
 $49+4-7+8=$   
 $95-7+6-9=$
12.  $81-6-9+7=$   
 $92-9+8-5=$   
 $76+7-6-8=$   
 $99-6-9+5=$
13.  $87+8-9+8=$   
 $30-6-8+9=$   
 $77-8-7+4=$   
 $91+5-6-8=$
14.  $79+7-5+7=$   
 $100-7-7-8=$   
 $78+5+8-7=$   
 $94-6-9-4=$
15.  $82+5+6-7=$   
 $97-9-5-8=$   
 $30-5-8-8=$   
 $70-7+9-6=$

16. $45 - 8 + 5 + 5 =$	17. $92 - 8 - 7 - 5 =$	18. $83 - 4 + 7 - 8 =$
$34 + 7 - 4 - 7 =$	$46 - 9 + 7 - 4 =$	$72 - 6 + 9 - 7 =$
$84 + 7 + 4 - 9 =$	$71 - 4 + 6 - 8 =$	$49 - 5 - 7 - 8 =$
$97 - 9 - 6 + 8 =$	$35 - 7 - 9 - 7 =$	$61 - 4 + 9 - 7 =$

57. Autobussis on 36 istekohta ja 8 seisukohta. Mitu reisijat võib see autobuss peale võtta?

58. Autobussis oli 40 sõitjat. Esimeses peatuses väljus 8 sõitjat. Teises peatuses tuli juurde 9 sõitjat. Mitu sõitjat on nüüd autobussis?

59 Kooli aias on 72 viljapuud. 8 vana puud raiuti maha. Juurde istutati 9 noort puud. Mitu viljapuud on nüüd kooli aias?

60. Noore õunapuu otsas oli 19 õuna. Nendest korjati ära 12 õuna. 3 õuna kukkus ise maha. Mitu õuna on nüüd selle puu otsas?

61. Jaan loeb raamatut. Raamatus on 64 lehekülge, Jaanil on läbi loetud 7 lehekülge. Mitu lehekülge on tal veel lugeda?

62. Möödunud aastal ehitati meie tänavasse 5 uut maja. Tänavu ehitatakse 6 uut maja. Tuleval aastal ehitatakse aga 9 uut maja. Mitu uut maja on siis meie tänavas?

1. $34 + 9 + 6$	2. $26 + 8 + 4$	3. $76 + 8 + 8$	4. $16 + 8 + 6$
$47 + 6 + 5$	$75 + 9 + 7$	$33 + 9 + 6$	$48 + 9 + 5$
$18 + 7 + 4$	$66 + 5 + 7$	$15 + 6 + 5$	$67 + 6 + 9$
$69 + 4 + 6$	$27 + 6 + 3$	$84 + 7 + 8$	$36 + 7 + 8$

5. $64 - 6 - 8$	6. $93 - 8 - 7$	7. $58 - 7 - 9$	8. $79 - 6 - 5$
$73 - 5 - 4$	$49 - 5 - 9$	$96 - 7 - 5$	$61 - 8 - 6$
$82 - 4 - 8$	$87 - 8 - 6$	$90 - 3 - 8$	$99 - 4 - 8$
$46 - 9 - 8$	$76 - 9 - 8$	$52 - 4 - 8$	$98 - 9 - 8$

63. Vabrikusse toodi 43 vagunit kivisütt. Neist on veel tühjendamata 5 vagunit. Mitu vagunit on juba tühjendatud?

64. Autode peatuskohas seisis 29 autot. Juurde sõitis 5 autot. 8 autot sõitis ära. Mitu autot on nüüd autode peatuskohas?

65. Trammivagunis istus 20 sõitjat, 8 sõitjat seisis aga püsti. Peatuses väljus 9 sõitjat. Mitu sõitjat on nüüd trammivagunis?

66. Rongis on 27 kinnist ja 8 lahtist vagunit. Mitu vagunit on selles rongis?

67. Ekskursioonile läks 30 esimese klassi õpilast, 40 teise klassi õpilast ja 3 õpetajat. Mitu inimest läks ekskursioonile?

68. Kooli saalis on 80 tooli. Saali tuli 70 õpilast ja 20 lapsevanemat. Mitu tooli on vaja veel juurde tuua?

1. $25+9-8$	2. $48+8-9$	3. $47+6-9$	4. $45+9-7$
$57+8-6$	$43+6-7$	$34+6-8$	$52+7-7$
$74+9-5$	$57+9-6$	$27+7-9$	$43+6-8$
$36+7-8$	$64+7-8$	$38+6-9$	$37+9-6$

5. $31-7+4$	6. $14-6+3$	7. $56-4+9$	8. $42-6+8$
$83-8+5$	$68-9+8$	$47-9+8$	$46-8+6$
$64-7+1$	$37-8+9$	$25-8+9$	$54-9+7$
$22-9+6$	$79-9+8$	$36-8+7$	$37-8+8$

69. Vabriku õuel on 42 kasti kaupa. Ühele autole laaditi 8 kasti kaupa, teisele autole 6 kasti. Mitu kasti on nüüd veel vabriku õuel?

70. Jüri isa on 36-aastane. Ema on isast 7 aastat noorem. Kui vana on Jüri ema?

71. Maret kaalub 34 kilogrammi. Peeter on 7 kilogrammi raskem. Kui palju kaalub Peeter?

72. Anul on 34 värvipliiatsit. Mallel on 5 pliiatsit vähem. Mitu pliiatsit on Mallel?

73. Korvis oli 26 õuna. Ema andis 7 õuna lastele ja 8 õuna kasutas toidu valmistamiseks. Mitu õuna on nüüd korvis?

74. Riiulil on 7 Jaani raamatut, 5 Peetri raamatut ja 9 Milvi raamatut. Mitu raamatut on riiulil?

75. Ühel autol on 9 kasti, teisel autol 7 kasti ja kolmandal autol 8 kasti kaupa. Mitu kasti kaupa on kolmel autol kokku?

1.  $36 + 5 - 8$

$43 - 7 + 8$

$58 + 6 - 5$

$61 - 7 + 8$

2.  $47 + 8 - 9$

$81 - 6 + 7$

$66 + 7 - 8$

$53 - 6 + 8$

3.  $57 + 7 - 9$

$44 - 5 + 7$

$86 + 9 - 6$

$65 - 6 + 9$

4.  $75 + 4 - 8$

$62 - 8 + 3$

$31 - 6 + 8$

$29 + 6 - 3$

5.  $39 + 6 - 3$

$78 - 9 + 5$

$76 - 3 + 9$

$38 - 5 + 7$

6.  $54 + 8 - 4$

$22 + 6 - 9$

$47 + 5 - 6$

$73 - 8 + 9$

7.  $93 - 8 - 6$

$92 + 6 - 8$

$59 + 3 - 8$

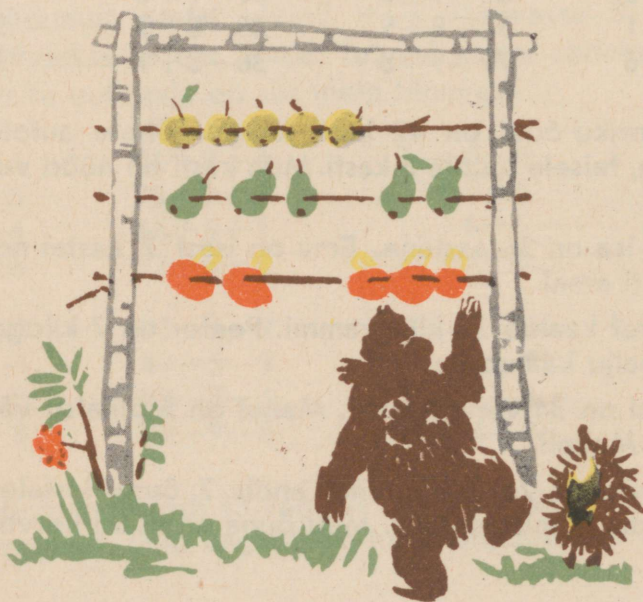
$59 - 8 + 3$

8.  $45 + 6 + 9$

$63 - 8 - 6$

$68 + 7 - 8$

$51 - 9 + 5$



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ЖИВЫЕ ЦИФРЫ I

На эстонском языке

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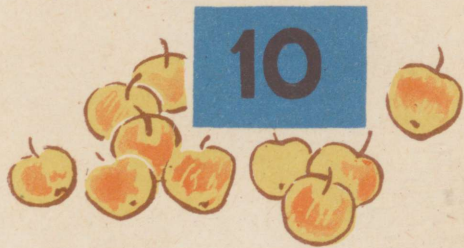
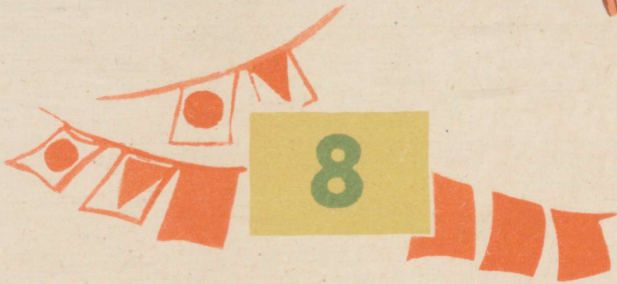
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