

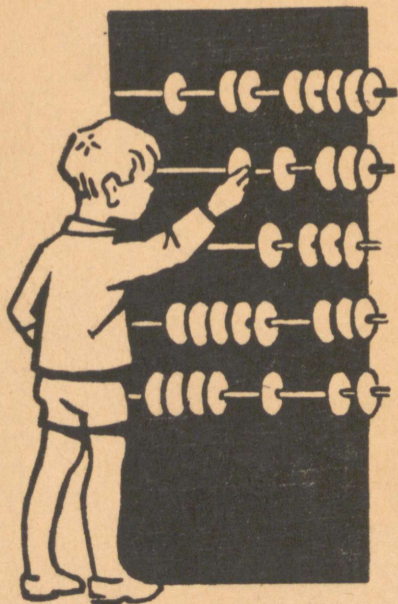
TV-68

A. LINTS

# MATEMAATIKA TÖÖVIHIK

1. KLASSILE

2. VIHIK



TRÜ Matemaatikateaduskond  
Matemaatika õpetamise  
metoodika kateeder

KIRJASTUS «VALGUS»

1968

A-27897

A. LINTS

MATEMAATIKA TÕÕVIHIK

1. KLASSILE

2. VIHIK

ARHIIVKOGU

KIRJASTUS „VALGUS“  
TALLINN 1968

Kunstiliselt kujundanud V. Kotkas

Illustreerinud M. Niin

MATEMAATIKA TÕÕVHIK

I. KLASSILE

2. VIHIK

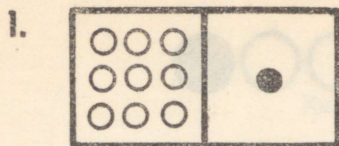
ARHIIVKOGU

TARTU ÜLIKOO LI  
RAAMATUKOGU

6-6




JOONISTA JUURDE NII PALJU, ET IGAS REAS OLEKS 10 !

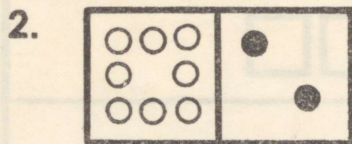


$9 + 1 = \dots$

$10 - 1 = \dots$

$1 + 9 = \dots$

$10 - 9 = \dots$

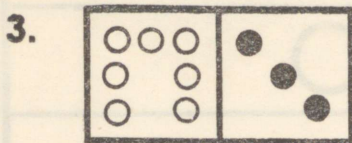


$8 + 2 = \dots$

$10 - 2 = \dots$

$2 + 8 = \dots$

$10 - 8 = \dots$

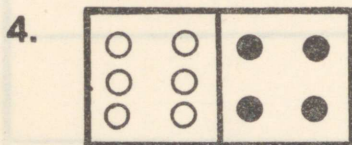


$7 + 3 = \dots$

$10 - 3 = \dots$

$3 + 7 = \dots$

$10 - 7 = \dots$

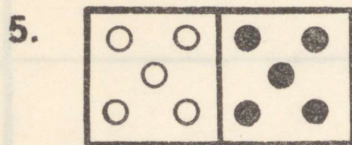


$6 + 4 = \dots$

$10 - 4 = \dots$

$4 + 6 = \dots$

$10 - 6 = \dots$



$5 + 5 = \dots$

$10 - 5 = \dots$

6. KIRJUTA ÕIGE MÄRK ( + - ) !

$6 \dots 4 = 10$

$7 \dots 3 = 10$

$6 \dots 4 = 2$

$8 \dots 2 = 10$

$7 \dots 3 = 4$

$8 \dots 2 = 6$

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

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

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

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

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

1.  $3 + 1 = \dots$        $6 + 1 = \dots$        $2 + 1 = \dots$   
 $1 + 3 = \dots$        $1 + 6 = \dots$        $1 + 2 = \dots$   
 $4 - 1 = \dots$        $7 - 1 = \dots$        $3 - 1 = \dots$   
 $4 - 3 = \dots$        $7 - 6 = \dots$        $3 - 2 = \dots$

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

3.  $5 + 1 = \dots$        $8 + 1 = \dots$        $1 + 5 = \dots$   
 $1 + 5 = \dots$        $1 + 8 = \dots$        $9 - 8 = \dots$   
 $6 - 1 = \dots$        $9 - 1 = \dots$        $1 + 6 = \dots$   
 $6 - 5 = \dots$        $9 - 8 = \dots$        $10 - 1 = \dots$

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

# 1. KIRJUTA ÕIGE MÄRK ( > < = ) !

10 ..... 9      9 ..... 10      9 ..... 8      8 ..... 10  
8 ..... 9      7 ..... 6      10 ..... 10      10 ..... 8

## 2. PÕHIJENDA VÕRRATUSI !

10 > 9, SEST      10 = 9 + 1    JA    9 + 1 = 10  
9 < 10, SEST      9 + ..... = 10    JA    10 = .....

8 ..... 10, SEST      .....    JA .....  
10 ..... 8, SEST      .....    JA .....

7 ..... 10, SEST      .....    JA .....  
10 ..... 7, SEST      .....    JA .....

8 ..... 9, SEST      .....    JA .....  
9 ..... 8, SEST      .....    JA .....

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

1. MALLE LEIDIS 5 SEENT. ANTS LEIDIS 2 SEENT.  
MITU SEENT LEIDSID LAPSED KOKKU?

..... = ..... SEENT.

2. TÖNU LEIDIS 7 SEENT. 1 SEENE VISKAS TA  
ÄRA. MITU SEENT ON TÖNUL NÜÜD?

..... = ..... SEENT.

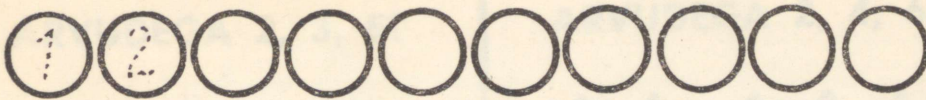
3. TIINA LEIDIS 4 VÄIKEST JA 2 SUURT SEENT.  
MITU SEENT LEIDIS TIINA KOKKU?

..... = ..... SEENT.

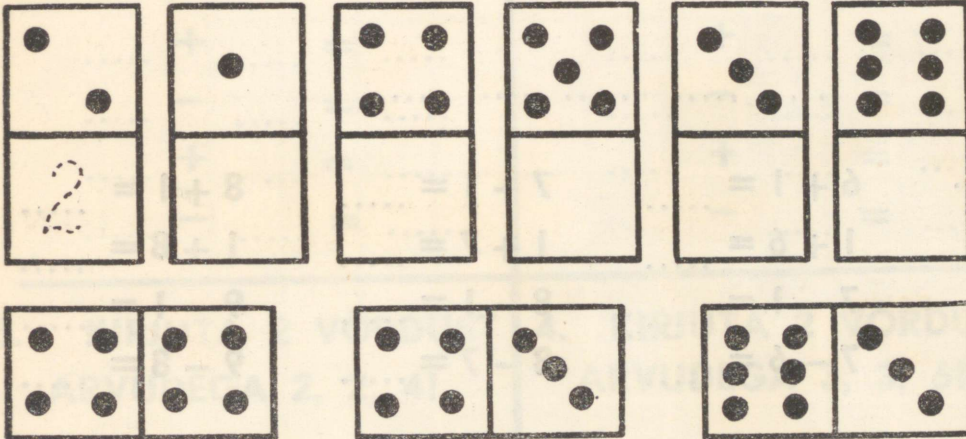
4.  $4 + 1 = \dots$        $9 + 1 = \dots$        $7 + 3 = \dots$   
 $1 + 4 = \dots$        $1 + 9 = \dots$        $3 + 7 = \dots$   
 $5 - 1 = \dots$        $10 - 1 = \dots$        $10 - 3 = \dots$   
 $5 - 4 = \dots$        $10 - 9 = \dots$        $10 - 7 = \dots$

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

1. MITU RINGI?



2. MITU TÄPPI?



3. LOENDA EDASI. KIRJUTA PUUDUVAD ARVUD!

1    2    .....    5    .....    .....    .....    .....    10

4. LOENDA TAGASI. KIRJUTA NII, NAGU SA LOENDAD!

10    9    .....    .....    .....    5    .....    .....    .....    .....    1

1. KIRJUTA PAARISARVUD 2 KUNI 10 !

.....

2. KIRJUTA PAARITUD ARVUD 1 KUNI 9 !

.....

3.	$6 + 1 =$ .....	$7 + 1 =$ .....	$8 + 1 =$ .....
	$1 + 6 =$ .....	$1 + 7 =$ .....	$1 + 8 =$ .....
	$7 - 1 =$ .....	$8 - 1 =$ .....	$9 - 1 =$ .....
	$7 - 6 =$ .....	$8 - 7 =$ .....	$9 - 8 =$ .....

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

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

1. KIRJUTA 4 VÕRDUST  
ARVUDEGA 2, 3, 5!



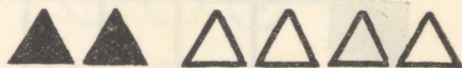
$$\dots + \dots = \dots$$

$$\dots - \dots = \dots$$

$$\dots + \dots = \dots$$

$$\dots - \dots = \dots$$

2. KIRJUTA 4 VÕRDUST  
ARVUDEGA 2, 4, 6!



$$\dots + \dots = \dots$$

$$\dots - \dots = \dots$$

$$\dots + \dots = \dots$$

$$\dots - \dots = \dots$$

3. KIRJUTA 2 VÕRDUST  
ARVUDEGA 2, 2, 4!

$$\dots + \dots = \dots$$

$$\dots - \dots = \dots$$

4. KIRJUTA 2 VÕRDUST  
ARVUDEGA 3, 3, 6!

$$\dots + \dots = \dots$$

$$\dots - \dots = \dots$$

5. KIRJUTA PUUDUVAD ARVUD!

$$4 + \dots = 6$$

$$3 + \dots = 6$$

$$\dots + 2 = 5$$

$$\dots + 1 = 5$$

$$\dots + 2 = 6$$

$$3 + \dots = 4$$

$$4 - \dots = 2$$

$$3 - \dots = 2$$

$$\dots - 1 = 4$$

$$\dots = 2 + 3$$

$$4 + \dots = 6$$

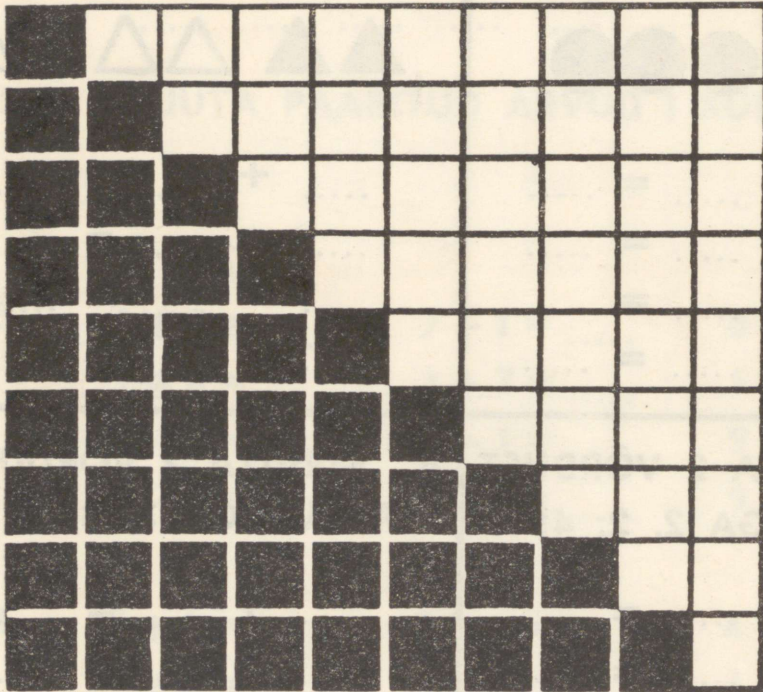
$$6 - \dots = 2$$

$$\dots = 5 - 2$$

$$5 - \dots = 5$$

$$6 = \dots + 4$$

1. VÄRVI IGAS REAS ÜKS RUUT JUURDE!  
LEIA SUMMAD!



1 + 1 = .....

2 + 1 = .....

3 + 1 = .....

4 + 1 = .....

5 + 1 = .....

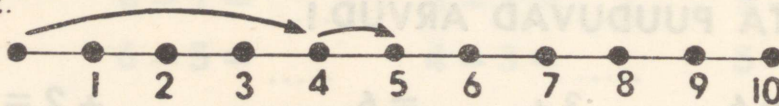
6 + 1 = .....

7 + 1 = .....

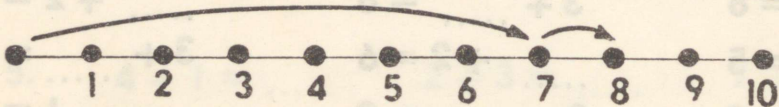
8 + 1 = .....

9 + 1 = .....

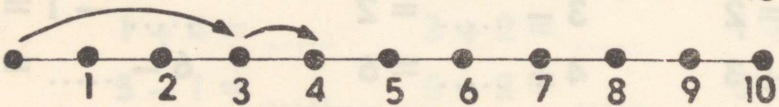
2.



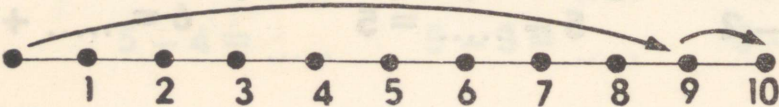
4 + 1 = .....



7 + 1 = .....



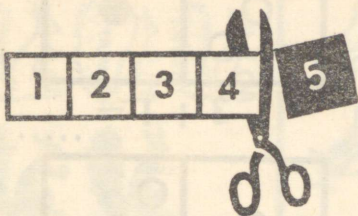
3 + 1 = .....



9 + 1 = .....

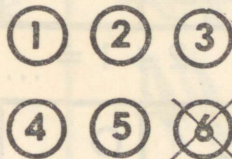
# LEIA PUUDUVAD VAHED!

1.



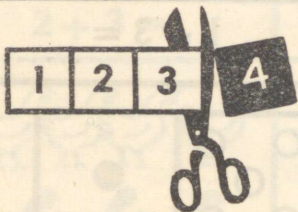
$$5 - 1 = \dots$$

2.



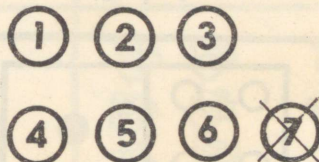
$$6 - 1 = \dots$$

3.



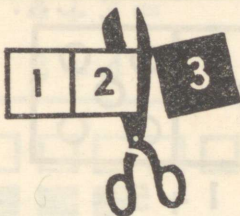
$$4 - 1 = \dots$$

4.



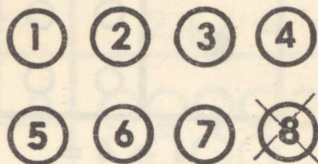
$$7 - 1 = \dots$$

5.



$$3 - 1 = \dots$$

6.



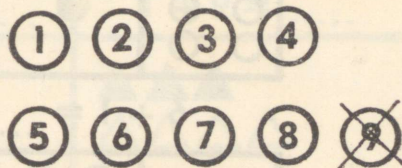
$$8 - 1 = \dots$$

7.



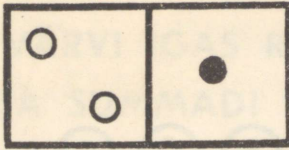
$$2 - 1 = \dots$$

8.

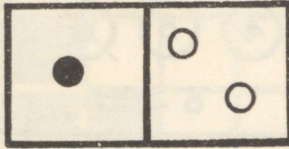


$$9 - 1 = \dots$$

1.

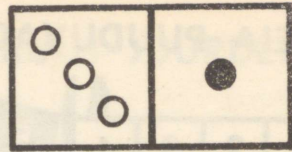


$$2 + 1 = \dots$$

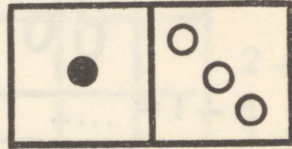


$$1 + 2 = \dots$$

2.

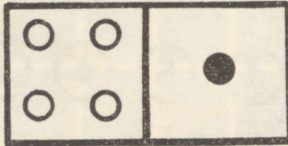


$$3 + 1 = \dots$$

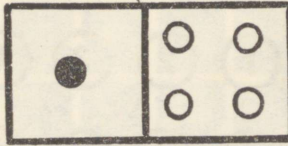


$$1 + 3 = \dots$$

3.

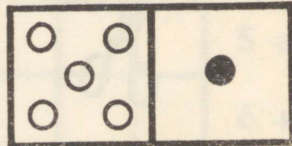


$$4 + 1 = \dots$$

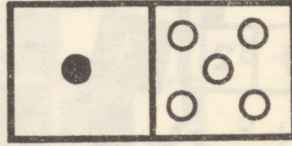


$$1 + 4 = \dots$$

4.

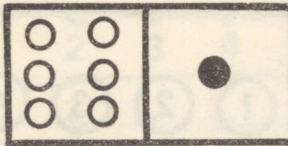


$$5 + 1 = \dots$$

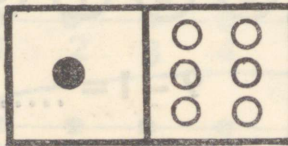


$$1 + 5 = \dots$$

5.

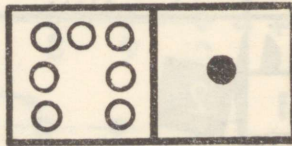


$$6 + 1 = \dots$$

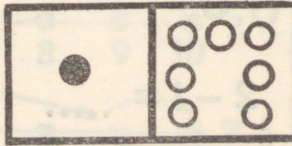


$$1 + 6 = \dots$$

6.



$$7 + 1 = \dots$$



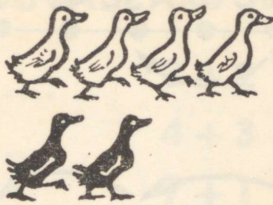
$$1 + 7 = \dots$$

1.



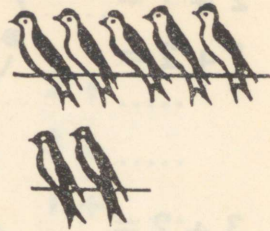
$3 + 2 = \dots$

$2 + 3 = \dots$



$4 + 2 = \dots$

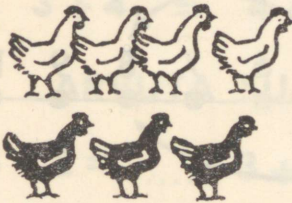
$2 + 4 = \dots$



$5 + 2 = \dots$

$2 + 5 = \dots$

2.

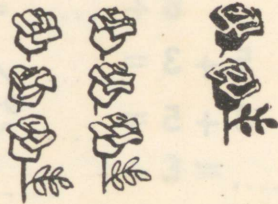


$4 + 3 = \dots$

$3 + 4 = \dots$



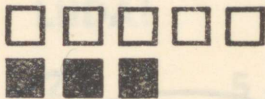
$1 + 1 = \dots$



$6 + 2 = \dots$

$2 + 6 = \dots$

3.



$5 + 3 = \dots$

$3 + 5 = \dots$



$6 + 3 = \dots$

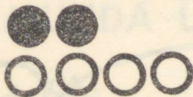
$3 + 6 = \dots$



$9 + 1 = \dots$

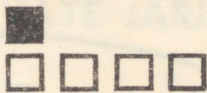
$1 + 9 = \dots$

4.



$2 + 4 = \dots$

$4 + 2 = \dots$



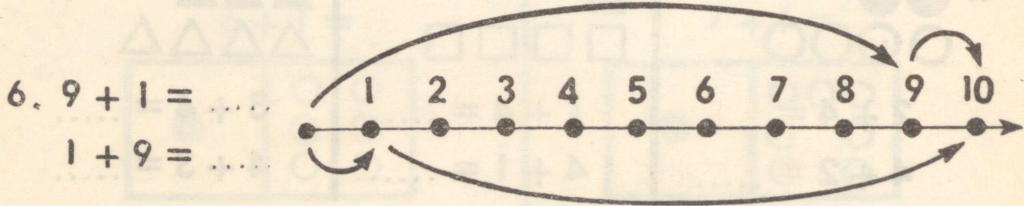
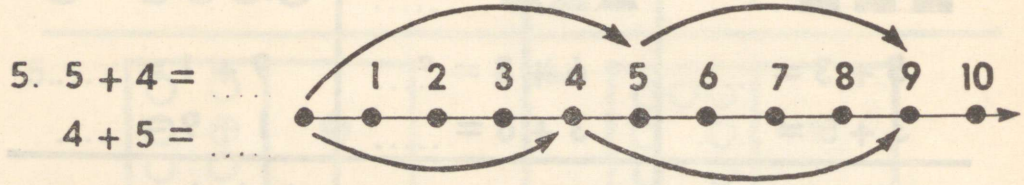
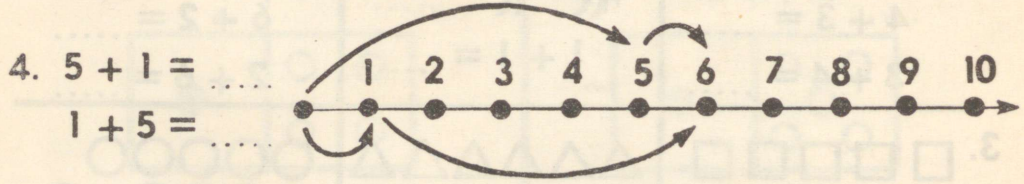
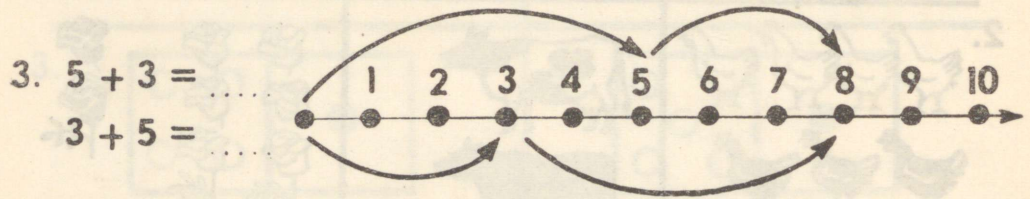
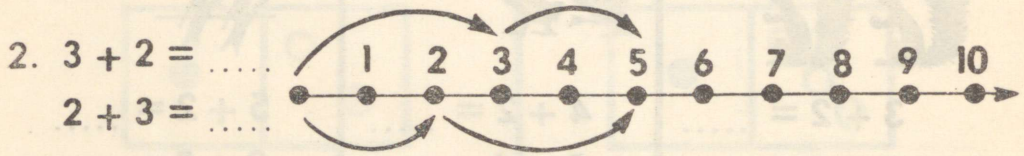
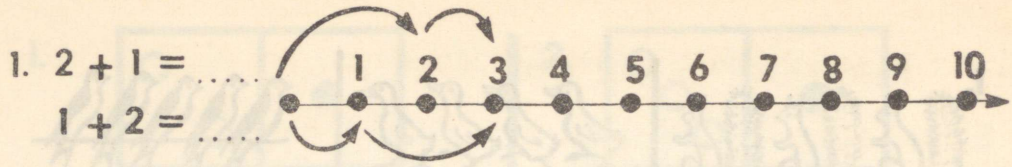
$1 + 4 = \dots$

$4 + 1 = \dots$



$3 + 4 = \dots$

$4 + 3 = \dots$



# 1. KIRJUTA PUUDUVAD ARVUD!

$2 + 1 = 1 + \dots$

$3 + 2 = 2 + \dots$

$3 + 2 = 2 + \dots$

$4 + 3 = 3 + \dots$

$8 + 1 = 1 + \dots$

$7 + 1 = 1 + \dots$

## 2. $5 + 1 = 1 + \dots$

$5 + 2 = \dots + 5$

$4 + 2 = 2 + \dots$

$6 + 3 = \dots + 6$

$3 + 4 = 4 + \dots$

$8 + 2 = \dots + 8$

# 3. ARVUTA SUMMA!

$4 + 2 = \dots$

$3 + 3 = \dots$

$8 + 1 = \dots$

$1 + 3 = \dots$

$2 + 2 = \dots$

$2 + 4 = \dots$

$2 + 5 = \dots$

$1 + 4 = \dots$

$2 + 3 = \dots$

$5 + 1 = \dots$

$3 + 2 = \dots$

$1 + 5 = \dots$

# 4. LIIDA!

$1 + 2 = \dots$

$5 + 2 = \dots$

$4 + 2 = \dots$

$3 + 3 = \dots$

$7 + 2 = \dots$

$8 + 2 = \dots$

$6 + 2 = \dots$

$5 + 2 = \dots$

$4 + 2 = \dots$

$2 + 2 = \dots$

$8 + 2 = \dots$

$2 + 4 = \dots$

# 5. MUUDA LIIDETAVATE JÄRJEKORDA JA ARVUTA!

$2 + 6 = \dots$

$2 + 3 = \dots$

$3 + 4 = \dots$

$1 + 4 = \dots$

$2 + 4 = \dots$

$2 + 7 = \dots$

$1 + 5 = \dots$

$1 + 7 = \dots$

$2 + 5 = \dots$

$1 + 6 = \dots$

$3 + 5 = \dots$

$1 + 8 = \dots$

1. PÕHJENDA LIITMISE ABIL!

$6 - 1 = 5$  , SEST  $5 + 1 = 6$

$8 - 2 = \dots$  , SEST  $\dots$

$7 - 3 = \dots$  , SEST  $\dots$

$3 - 1 = \dots$  , SEST  $\dots$

2.  $9 - 2 = \dots$  , SEST  $\dots$

$5 - 2 = \dots$  , SEST  $\dots$

$4 - 2 = \dots$  , SEST  $\dots$

$2 - 1 = \dots$  , SEST  $\dots$

3. ○ ○ ○ ○ ●

$4 + 1 = \dots$      $5 - 1 = \dots$      $\dots = 4 + 1$      $\dots = 5 - 1$

$1 + 4 = \dots$      $5 - 4 = \dots$      $\dots = 1 + 4$      $\dots = 5 - 4$

○ ○ ○ ○ ● ● ●

$5 + 3 = \dots$      $\dots$      $\dots$      $\dots$

○ ○ ○ ○ ● ●

$\dots$      $\dots$      $\dots$      $\dots$

○ ○ ○ ○ ● ● ● ●

$\dots$      $\dots$      $\dots$      $\dots$

$\dots$      $\dots$      $\dots$      $\dots$

# 1. ARVUTA SUMMA!

$1 + 9 = \dots$

$3 + 6 = \dots$

$5 + 3 = \dots$

$6 + 2 = \dots$

$4 + 2 = \dots$

$2 + 7 = \dots$

$2 + 5 = \dots$

$7 + 1 = \dots$

$9 + 1 = \dots$

$8 + 1 = \dots$

$1 + 8 = \dots$

$2 + 3 = \dots$

# 2. ARVUTA VAHE! PÕHJENDA LIITMISE ABIL!

$8 - 2 = \dots, \text{ SEST } \dots$

$2 - 1 = \dots, \text{ SEST } \dots$

$3 - 2 = \dots, \text{ SEST } \dots$

$9 - 3 = \dots, \text{ SEST } \dots$

# 3. ARVUTA VAHE JA PÕHJENDA!

$7 - 3 = \dots, \text{ SEST } \dots$

$4 - 2 = \dots, \text{ SEST } \dots$

$5 - 1 = \dots, \text{ SEST } \dots$

$6 - 3 = \dots, \text{ SEST } \dots$

$4. \quad 1 + 3 = \dots \quad 8 + 1 = \dots \quad 1 + 6 = \dots$

$2 - 1 = \dots \quad 6 - 1 = \dots \quad 9 - 1 = \dots$

$1 + 6 = \dots \quad 1 + 7 = \dots \quad 5 + 1 = \dots$

$9 - 1 = \dots \quad 10 - 1 = \dots \quad 2 - 1 = \dots$

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

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

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

4. ÜKS LIIDETAV ON 7, TEINE LIIDETAV ON 2.  
SUMMA ON .....

5. VAHE LIIKMED ON 6 JA 3. VAHE ON .....

6. LIIDETAVAD ON 3 JA 7. SUMMA ON .....

7. VAHE LIIKMED ON 5 JA 3. VAHE ON .....

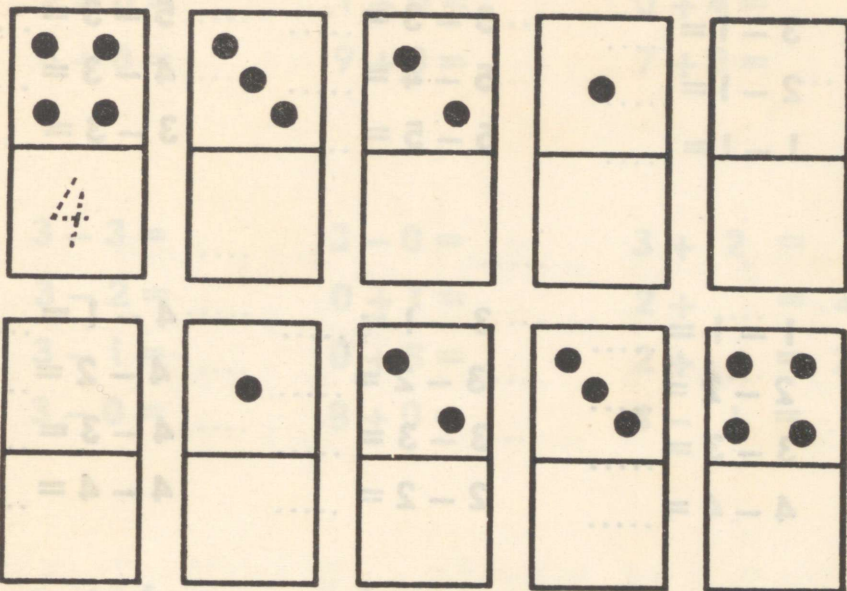
8. KIRJUTA ARVU KÕRVALE TEMAST 1 VÕRRA  
SUUREM ARV!

7 ..... 6 ..... 4 ..... 8 .....

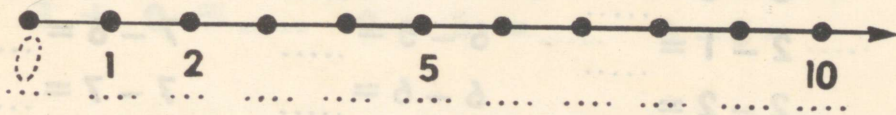
1.  $4 + 2 = \dots$        $2 + 2 = \dots$        $6 + 2 = \dots$   
 $6 - 2 = \dots$        $4 - 2 = \dots$        $8 - 2 = \dots$   
 $5 + 2 = \dots$        $3 + 2 = \dots$        $7 + 2 = \dots$   
 $7 - 2 = \dots$        $5 - 2 = \dots$        $9 - 2 = \dots$
2.  $7 + 1 = \dots$        $7 + 2 = \dots$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

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

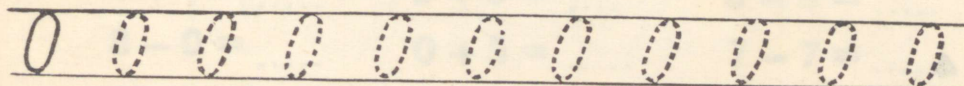
1. KIRJUTA TÄPPIDE ARV!



2. KIRJUTA TÜHJADELE KOHTADELE PUUDUVAD NUMBRID!



3. KIRJUTA NULLE!



1.	$4 - 1 = \dots$	$5 - 2 = \dots$	$6 - 3 = \dots$
	$3 - 1 = \dots$	$5 - 3 = \dots$	$5 - 3 = \dots$
	$2 - 1 = \dots$	$5 - 4 = \dots$	$4 - 3 = \dots$
	$1 - 1 = \dots$	$5 - 5 = \dots$	$3 - 3 = \dots$

2.	$1 - 1 = \dots$	$3 - 1 = \dots$	$4 - 1 = \dots$
	$2 - 2 = \dots$	$3 - 2 = \dots$	$4 - 2 = \dots$
	$3 - 3 = \dots$	$3 - 3 = \dots$	$4 - 3 = \dots$
	$4 - 4 = \dots$	$2 - 2 = \dots$	$4 - 4 = \dots$

3.	$4 - 3 = \dots$	$5 - 4 = \dots$	$7 - 2 = \dots$
	$3 - 3 = \dots$	$5 - 5 = \dots$	$7 - 4 = \dots$
	$2 - 1 = \dots$	$6 - 5 = \dots$	$7 - 6 = \dots$
	$2 - 2 = \dots$	$6 - 6 = \dots$	$7 - 7 = \dots$

4.	$9 - 9 = \dots$	$8 - 8 = \dots$	$3 - 3 = \dots$
	$5 - \dots = 0$	$6 - \dots = 0$	$2 - \dots = 0$

1.  $4 + 0 = \dots$        $0 + 2 = \dots$        $0 + 0 = \dots$   
 $2 + 0 = \dots$        $1 + 0 = \dots$        $0 + 4 = \dots$   
 $8 + 0 = \dots$        $9 + 0 = \dots$        $7 + 0 = \dots$

2.  $3 - 3 = \dots$        $3 - 0 = \dots$        $3 + 2 = \dots$   
 $3 - 2 = \dots$        $0 + 1 = \dots$        $2 + \dots = 4$   
 $3 - 1 = \dots$        $0 + 8 = \dots$        $2 + \dots = 2$   
 $3 - 0 = \dots$        $8 + 0 = \dots$        $4 - 1 = \dots$

3.  $1 + 4 = \dots$        $4 + \dots = 4$        $4 + 0 = \dots$   
 $1 + \dots = 1$        $3 + 0 = \dots$        $4 - 0 = \dots$   
 $\dots + 2 = 3$        $3 - 0 = \dots$        $0 + 4 = \dots$   
 $3 + 0 = \dots$        $0 + 3 = \dots$        $0 + 0 = \dots$

4.  $7 + 0 = \dots$        $5 + 0 = \dots$        $8 - 8 = \dots$   
 $8 - 0 = \dots$        $0 + 5 = \dots$        $7 - 7 = \dots$   
 $0 + 6 = \dots$        $9 - 0 = \dots$        $6 - 6 = \dots$   
 $6 + 0 = \dots$        $8 - 0 = \dots$        $6 - 0 = \dots$

1. ASETA KOHALE ÕIGE MÄRK (><=)!

$4 \dots 4$

$9 \dots 7$

$7 \dots 8$

$4 \dots 5$

$9 \dots 5$

$9 \dots 6$

2.  $3 + 2 \dots 5$

$3 + 2 \dots 4$

$7 + 0 \dots 7$

$5 + 0 \dots 4$

$5 + 1 \dots 7$

$5 + 1 \dots 6$

$3 + 3 \dots 8$

$0 + 3 \dots 6$

$3 + 3 \dots 5$

$2 + 4 \dots 4$

$2 + 4 \dots 9$

$2 + 4 \dots 6$

3.  $5 - 3 \dots 4$

$5 - 5 \dots 0$

$6 - 2 \dots 3$

$6 - 4 \dots 2$

$4 - 2 \dots 1$

$4 - 4 \dots 0$

$5 - 0 \dots 6$

$6 - 5 \dots 3$

$5 - 2 \dots 6$

$4 - 1 \dots 2$

$6 - 0 \dots 6$

$6 - 6 \dots 5$

4. MISSUGUSED ARVUD PUUDUVAD?



1.  $4 + 3 = a$      $a = \dots$                        $6 + 3 = a$      $a = \dots$   
 $7 - 3 = a$      $a = \dots$                        $9 - 3 = a$      $a = \dots$   
 $5 + 3 = a$      $a = \dots$                        $7 + 3 = a$      $a = \dots$   
 $8 - 3 = a$      $a = \dots$                        $10 - 3 = a$      $a = \dots$

2.  $4 + 3 = \dots$      $1 + 3 = \dots$                        $7 + 3 = \dots$      $5 + 3 = \dots$   
 $6 - 3 = \dots$      $5 - 3 = \dots$                        $8 - 3 = \dots$      $7 - 0 = \dots$   
 $6 + 3 = \dots$      $2 + 3 = \dots$                        $3 + 3 = \dots$      $0 + 3 = \dots$   
 $9 - 3 = \dots$      $4 - 3 = \dots$                        $10 - 3 = \dots$      $9 + 3 = \dots$

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

4. MIS ARVU PEAB a ASEMELE KIRJUTAMA?

$a + 4 = 5$      $a = \dots$                        $a + 6 = 7$      $a = \dots$   
 $a + 2 = 4$      $a = \dots$                        $a + 5 = 6$      $a = \dots$   
 $a + 6 = 7$      $a = \dots$                        $a + 6 = 9$      $a = \dots$   
 $a + 2 = 5$      $a = \dots$                        $a + 4 = 7$      $a = \dots$

1.  $a + 2$

KIRJUTA  $a$  ASEMELE JÄRGEMÖÖDA ARVUD 7, 5, 8, 6, 0, 4 JA ARVUTA SIIS SUMMA!

$7 + 2 = \dots$        $\dots + 2 = \dots$        $\dots + 2 = \dots$   
 $\dots + 2 = \dots$        $\dots + 2 = \dots$        $\dots + 2 = \dots$

2.

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

3.

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

4.

$7 + 3 = \dots$        $5 + 3 = \dots$        $6 + 3 = \dots$        $2 + 0 = \dots$   
 $10 - 3 = \dots$        $8 - 2 = \dots$        $10 - 3 = \dots$        $7 - 3 = \dots$   
 $2 + 5 = \dots$        $1 + 7 = \dots$        $7 + 2 = \dots$        $0 + 8 = \dots$   
 $6 - 3 = \dots$        $7 + 3 = \dots$        $3 - 0 = \dots$        $6 - 3 = \dots$

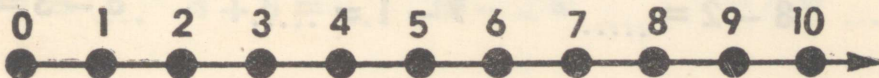
1. $3 + 6 = \dots$	$6 + 4 = \dots$	$2 + 6 = \dots$	$5 + 4 = \dots$
$9 - 4 = \dots$	$8 - 4 = \dots$	$10 - 4 = \dots$	$4 + 5 = \dots$
$4 + 4 = \dots$	$7 + 3 = \dots$	$5 + 5 = \dots$	$6 + 4 = \dots$
$10 - 3 = \dots$	$8 - 3 = \dots$	$9 - 3 = \dots$	$4 + 6 = \dots$

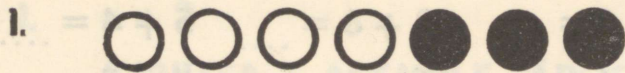
2. $4 + 3 = \dots$	$2 + 4 = \dots$	$3 + 3 = \dots$	$4 + 5 = \dots$
$10 - 5 = \dots$	$8 - 2 = \dots$	$6 - 2 = \dots$	$10 - 4 = \dots$
$3 + 5 = \dots$	$4 + 4 = \dots$	$5 + 4 = \dots$	$3 + 7 = \dots$
$9 - 3 = \dots$	$7 - 3 = \dots$	$6 - 3 = \dots$	$10 - 2 = \dots$

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

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

**VAJADUSE KORRAL KASUTA JOONISE ABI!**





4 + 3 = .....

7 = .....

3 + 4 = .....

7 = .....

7 - 3 = .....

4 = .....

7 - 4 = .....

3 = .....

2.

1 + 3 = .....

10 - 2 = .....

3 + 6 = .....

9 - 1 = .....

3.



.....

.....

.....

.....

.....

.....

.....

.....

4.

7 + 3 = .....

4 - 1 = .....

1 + 5 = .....

10 - 3 = .....

5.

2 + 1 = .....

2 + 4 = .....

6 + 2 = .....

4 - 1 = .....

9 - 2 = .....

7 - 2 = .....

7 + 2 = .....

1 + 6 = .....

1 + 4 = .....

5 - 2 = .....

8 - 1 = .....

6 - 1 = .....

6.

3 + 1 = .....

1 + 2 = .....

5 + 1 = .....

9 - 1 = .....

10 - 2 = .....

3 - 1 = .....

2 + 3 = .....

1 + 1 = .....

8 + 2 = .....

8 - 2 = .....

7 - 1 = .....

6 - 3 = .....

1.

$3 + 3 + 1 = \dots$

$6 - 2 - 1 = \dots$

$5 + 2 + 0 = \dots$

$4 + 4 + 1 = \dots$

$8 - 2 - 1 = \dots$

$6 - 3 + 2 = \dots$

$2 + 2 + 1 = \dots$

$10 - 2 - 1 = \dots$

$7 + 1 + 2 = \dots$

$0 + 2 + 5 = \dots$

$8 - 4 - 1 = \dots$

$8 - 3 - 4 = \dots$

2. TÄIDA TABELID!

a	a + 2	a + 3	a + 4
2	.....	.....	.....
6	.....	.....	.....
3	.....	.....	.....
5	.....	.....	.....
1	.....	.....	.....

a	a - 4	a - 2	a - 3
9	.....	.....	.....
4	.....	.....	.....
5	.....	.....	.....
7	.....	.....	.....
6	.....	.....	.....

3.

$6 + 4 = \dots$

$3 + 6 = \dots$

$4 + 6 = \dots$

$3 + 7 = \dots$

$10 - 3 = \dots$

$8 - 2 = \dots$

$4 - 2 = \dots$

$7 - 2 = \dots$

$3 + 5 = \dots$

$9 - 3 = \dots$

$3 + 4 = \dots$

$4 + 3 = \dots$

$9 - 1 = \dots$

$4 + 5 = \dots$

$10 - 2 = \dots$

$9 - 4 = \dots$

1.

$$\begin{array}{cccc}
 9 - 8 = \dots & 9 - 6 = \dots & 9 - 5 = \dots & 9 - 7 = \dots \\
 8 - 6 = \dots & 8 - 6 = \dots & 8 - 7 = \dots & 10 - 8 = \dots \\
 7 - 6 = \dots & 7 - 5 = \dots & 7 - 4 = \dots & 8 - 7 = \dots \\
 6 - 5 = \dots & 6 - 3 = \dots & 6 - 4 = \dots & 7 - 6 = \dots
 \end{array}$$

2.

$$\begin{array}{cccc}
 10 - 8 = \dots & 7 - 5 = \dots & 8 - 6 = \dots & 7 - 5 = \dots \\
 5 + 3 = \dots & 1 + 8 = \dots & 4 + 5 = \dots & 3 + 5 = \dots \\
 6 - 4 = \dots & 5 - 3 = \dots & 10 - 9 = \dots & 9 - 7 = \dots \\
 2 + 7 = \dots & 7 + 2 = \dots & 2 + 4 = \dots & 4 + 5 = \dots
 \end{array}$$

3.

$$\begin{array}{cccc}
 10 - 9 = \dots & 6 - 6 = \dots & 9 - 6 = \dots & 4 - 3 = \dots \\
 1 + 8 = \dots & 3 + 7 = \dots & 3 + 7 = \dots & 2 + 5 = \dots \\
 5 - 3 = \dots & 9 - 7 = \dots & 7 - 7 = \dots & 3 - 2 = \dots \\
 2 + 4 = \dots & 5 + 4 = \dots & 7 - 5 = \dots & 5 + 3 = \dots
 \end{array}$$

4.

$$\begin{array}{ccc}
 4 + 3 + 2 = \dots & 9 - 6 - 2 = \dots & 7 - 6 + 5 = \dots \\
 1 + 7 + 2 = \dots & 10 - 7 - 2 = \dots & 3 + 5 - 4 = \dots \\
 8 + 1 + 1 = \dots & 10 - 8 - 1 = \dots & 8 - 7 - 1 = \dots \\
 3 + 5 + 1 = \dots & 8 - 5 - 2 = \dots & 3 + 6 - 9 = \dots
 \end{array}$$

- |    |                  |                  |                 |
|----|------------------|------------------|-----------------|
| 1. | $7 + 3 = \dots$  | $6 + 3 = \dots$  | $5 + 2 = \dots$ |
|    | $10 - 3 = \dots$ | $10 - 3 = \dots$ | $8 - 2 = \dots$ |
|    | $2 + 5 = \dots$  | $7 + 2 = \dots$  | $1 + 6 = \dots$ |
|    | $6 - 3 = \dots$  | $3 - 1 = \dots$  | $5 - 1 = \dots$ |
| 2. | $9 + 1 = \dots$  | $2 + 8 = \dots$  | $2 + 3 = \dots$ |
|    | $8 - 0 = \dots$  | $4 - 1 = \dots$  | $6 - 1 = \dots$ |
|    | $2 + 5 = \dots$  | $7 + 2 = \dots$  | $2 + 6 = \dots$ |
|    | $6 - 2 = \dots$  | $10 - 2 = \dots$ | $8 - 2 = \dots$ |

3. LAUAL ON 3 TASSI. ELO TÕI JUURDE VEEL 2 TASSI. ESITA ISE KÜSIMUS JA LAHENDA SIIS ÜLESANNE!

..... = ..... TASSI.

4. ENEL ON 4 PUNAST JA 3 SINIST PLIIATSIT. MITU PLIIATSIT ON ENEL KOKKU?

..... = ..... PLIIATSIT.

5. JAANIL ON 3 ÕUNA. EMA ANNAB TALLE VEEL 2 ÕUNA. MITU ÕUNA ON JAANIL NÜÜD?

..... = ..... ÕUNA.

6. ARVOL ON 4 KOMPVEKKI. TA SÖÖB ÄRA 1 KOMPVEKI. MITU KOMPVEKKI ON ARVOL VEEL?

..... = ..... KOMPVEKKI.

1.	$2 + a = 3;$	$a = \dots$	$5 + a = 8;$	$a = \dots$
	$9 + a = 10;$	$a = \dots$	$3 + a = 6;$	$a = \dots$
	$6 + a = 7;$	$a = \dots$	$8 + a = 9;$	$a = \dots$
	$3 + a = 4;$	$a = \dots$	$7 + a = 10;$	$a = \dots$

2.	$4 + a = 8;$	$a = \dots$	$2 + a = 5;$	$a = \dots$
	$5 + a = 5;$	$a = \dots$	$4 + a = 8;$	$a = \dots$
	$3 + a = 8;$	$a = \dots$	$7 + a = 9;$	$a = \dots$
	$6 + a = 9;$	$a = \dots$	$3 + a = 10;$	$a = \dots$

3.	$5 + a = 7;$	$a = \dots$	$2 + a = 6;$	$a = \dots$
	$3 + a = 9;$	$a = \dots$	$4 + a = 5;$	$a = \dots$
	$6 + a = 8;$	$a = \dots$	$7 + a = 9;$	$a = \dots$
	$1 + a = 6;$	$a = \dots$	$9 + a = 10;$	$a = \dots$

4.	$0 + a = 6;$	$a = \dots$	$4 + a = 7;$	$a = \dots$
	$8 + a = 10;$	$a = \dots$	$2 + a = 4;$	$a = \dots$
	$3 + a = 7;$	$a = \dots$	$6 + a = 10;$	$a = \dots$
	$5 + a = 9;$	$a = \dots$	$3 + a = 5;$	$a = \dots$

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

3. TIIAL ON 3 NUKKU. ÜLLEL ON 4 NUKKU.  
MITU NUKKU ON TÜDRUKUTEL KOKKU?

..... = ..... NUKKU.

4. AUTOS ON 10 KASTI. 4 KASTI TÕSTETI  
MAHA. MITU KASTI ON VEEL AUTOS?

..... = ..... KASTI.

5. UUVEL OLI 7 KASTANIT. TA KINKIS SÕBRALE  
3 KASTANIT. MITU KASTANIT ON NÜÜD  
UUVEL?

..... = ..... KASTANIT.

6. MARE KINKIS ÄRA 3 KASTANIT. TALLE JÄI  
VEEL 5 KASTANIT. MITU KASTANIT OLI MAREL  
ALGUSES?

..... = ..... KASTANIT.

1. PANE ÕIGE MÄRK!

$5 + 2 > 5$      $5 - 3 \dots 6$      $7 - 3 \dots 2$

$5 + 2 \dots 6$      $2 + 5 \dots 4$      $5 - 4 \dots 6$

$5 + 2 \dots 7$      $6 - 4 \dots 5$      $8 - 6 \dots 3$

$5 + 2 \dots 8$      $9 - 6 \dots 3$      $9 - 5 \dots 6$

2.  $8 - 5 \dots 2$      $2 + 7 \dots 9$      $8 - 6 \dots 2$

$7 - 4 \dots 3$      $3 + 5 \dots 7$      $5 + 2 \dots 6$

$3 + 5 \dots 4$      $7 - 5 \dots 2$      $8 - 7 \dots 3$

$8 - 3 \dots 2$      $8 - 5 \dots 4$      $3 + 4 \dots 7$

3. KIRJUTA IGA VÕRDUSE JUURDE 7 UUT VÕRDUST!

$5 + 4 = \dots$      $3 + 6 = \dots$      $4 + 3 = \dots$

$\dots = \dots$      $\dots = \dots$      $\dots = \dots$

$\dots = \dots$      $\dots = \dots$      $\dots = \dots$

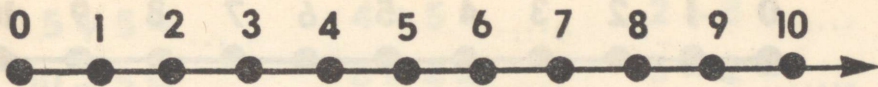
$\dots = \dots$      $\dots = \dots$      $\dots = \dots$

$\dots = \dots$      $\dots = \dots$      $\dots = \dots$

$\dots = \dots$      $\dots = \dots$      $\dots = \dots$

$\dots = \dots$      $\dots = \dots$      $\dots = \dots$

$\dots = \dots$      $\dots = \dots$      $\dots = \dots$



### 1. LEIA JOONISE ABIL!

$$a < 5 \quad a = 0, 1, 2, 3, 4$$

$$a < 3 \quad a = \dots, \dots, \dots, \dots, \dots$$

$$a > 4 \quad a = \dots, \dots, \dots, \dots, \dots$$

$$a > 6 \quad a = \dots, \dots, \dots, \dots, \dots$$

### 2. MISSUGUNE VÕIB OLLA $a$ JÄRGMISTES VÕRDUSTES JA VÕRRATUSTES?

$$a < 3 + 2 \quad a = 1, 2, 3, 4$$

$$a = 3 + 2 \quad a = \dots, \dots, \dots, \dots$$

$$a > 3 + 2 \quad a = \dots, \dots, \dots, \dots$$

$$7 - 3 > a \quad a = \dots, \dots, \dots, \dots$$

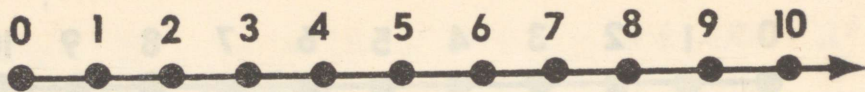
$$7 - 3 = a \quad a = \dots, \dots, \dots, \dots$$

$$7 - 3 < a \quad a = \dots, \dots, \dots, \dots$$

$$2 + a < 8 \quad a = \dots, \dots, \dots, \dots$$

$$2 + a = 8 \quad a = \dots, \dots, \dots, \dots$$

$$2 + a > 8 \quad a = \dots, \dots, \dots, \dots$$



**1. LAHENDA JOONISE ABIL!**

$3 < a < 7$      $a = 4, 5, 6$

$2 < a < 6$      $a = \dots, \dots, \dots$

$8 > a > 4$      $a = \dots, \dots, \dots$

$5 > a > 2$      $a = \dots, \dots, \dots$

$5 < a < 8$      $a = \dots, \dots, \dots$

$5 > a > 7$      $a = \dots, \dots, \dots$

**2. KUI SUUR ON  $a$  IGAS VÕRDUSES?**

$1 + 3 + a = 8$      $a = \dots$      $3 + 5 + a = 10$      $a = \dots$

$4 + 2 + a = 7$      $a = \dots$      $4 + 1 + a = 8$      $a = \dots$

$2 + 2 + a = 6$      $a = \dots$      $5 + 2 + a = 10$      $a = \dots$

**3.**  $9 - 7 = \dots$      $10 - 8 = \dots$      $8 - 6 = \dots$      $10 - 7 = \dots$

$4 + 3 = \dots$      $6 + 2 = \dots$      $2 + 5 = \dots$      $1 + 6 = \dots$

$7 - 6 = \dots$      $4 - 3 = \dots$      $7 - 5 = \dots$      $6 - 5 = \dots$

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

**4.**  $10 - 6 = \dots$      $8 - 6 = \dots$      $7 - 6 = \dots$      $10 - 6 = \dots$

$3 + 4 = \dots$      $5 + 2 = \dots$      $3 + 3 = \dots$      $4 + 3 = \dots$

$7 - 5 = \dots$      $8 - 7 = \dots$      $8 - 7 = \dots$      $8 - 5 = \dots$

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

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

2. $5 + 4 = \dots$	$5 + 5 = \dots$	$4 + 6 = \dots$	$4 + 4 = \dots$
$7 - 2 = \dots$	$9 - 4 = \dots$	$7 - 3 = \dots$	$10 - 4 = \dots$
$4 + 3 = \dots$	$7 + 0 = \dots$	$2 + 4 = \dots$	$0 + 6 = \dots$
$10 - 0 = \dots$	$5 - 2 = \dots$	$10 - 2 = \dots$	$8 - 3 = \dots$

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

4. UUDO LUGES 2 JUTTU. ÜKS NEIST OLI 3 LEHEKÜLGE, TEINE 5 LEHEKÜLGE PIKK. MITU LEHEKÜLGE LUGES UUDO KOKKU?

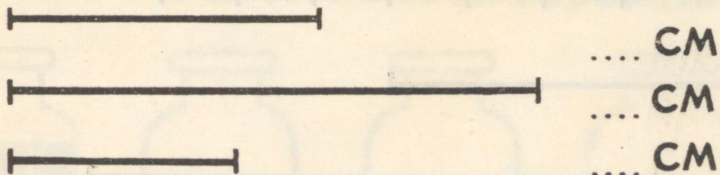
..... = ..... LEHEKÜLGE.

5. MARDI RAAMATUS ON 8 LEHEKÜLGE. 5 LEHEKÜLGE ON TAL JUBA LOETUD. MITU LEHEKÜLGE ON VEEL LUGEMATA?

..... = ..... LEHEKÜLGE.

1. JOONESTA SIIA 3 SIRGLÕIKU!

2. MÕÕDA NENDE SIRGLÕIKUDE PIKKUS!



3. ARVUD TÄHENDAVAD SENTIMEETREID.  
LEIA SUMMAD JA VAHED SENTIMEETRITES!

$$4 + 2 = \dots \text{ CM}$$

$$5 + 4 = \dots \text{ CM}$$

$$6 - 4 = \dots \text{ CM}$$

$$9 - 5 = \dots \text{ CM}$$

$$4 + 5 = \dots \text{ CM}$$

$$4 + 6 = \dots \text{ CM}$$

$$8 - 6 = \dots \text{ CM}$$

$$8 - 7 = \dots \text{ CM}$$

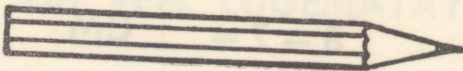
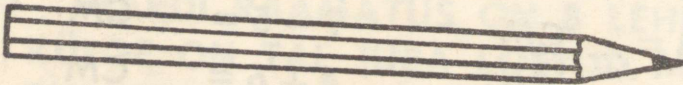
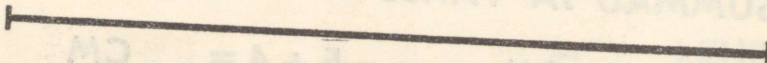
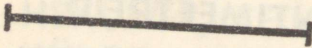
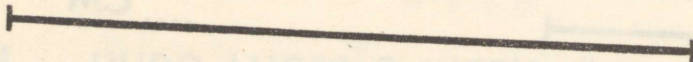
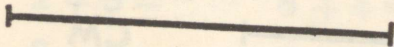
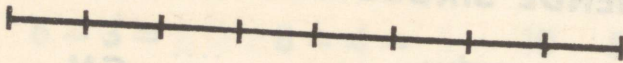
# 1. JOONESTA JOONLAUA ABIL 3 SIRGLÕIKU!

## 2. MÕÕDA!

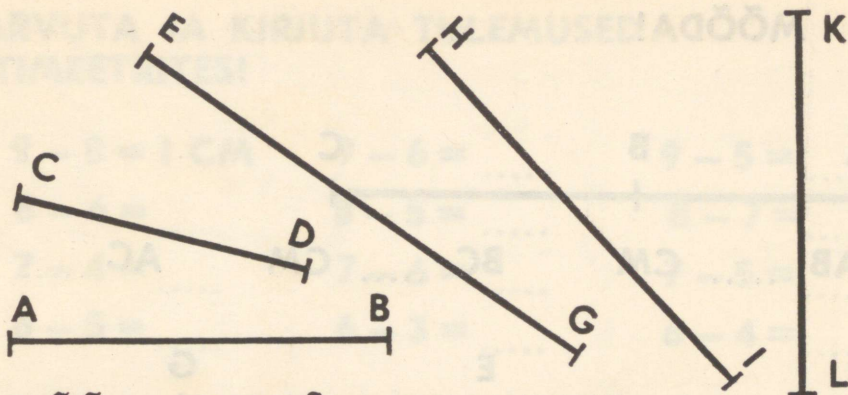
1cm

1cm 1cm 1cm 1cm 1cm 1cm 1cm 1cm

1 CM



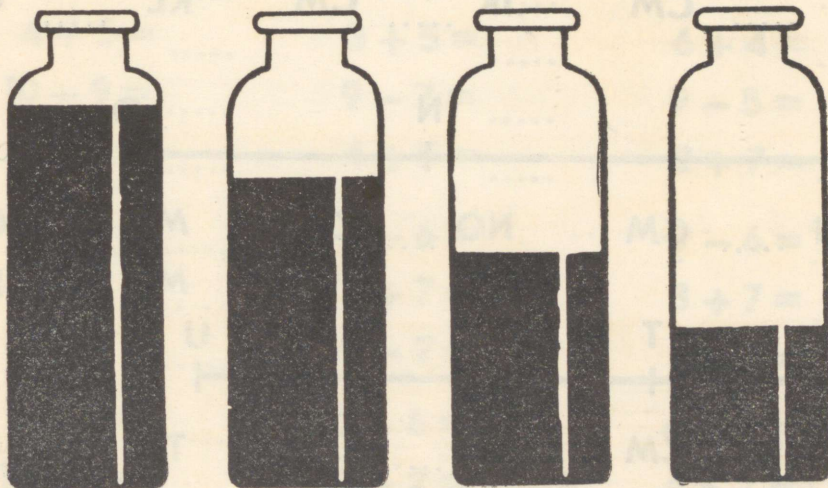
1.



MÕÕDA SIRGLÕIKUDE PIKKUS!

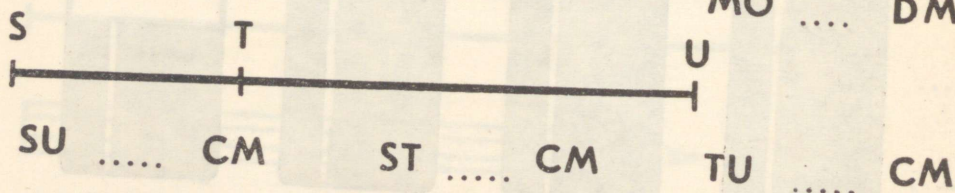
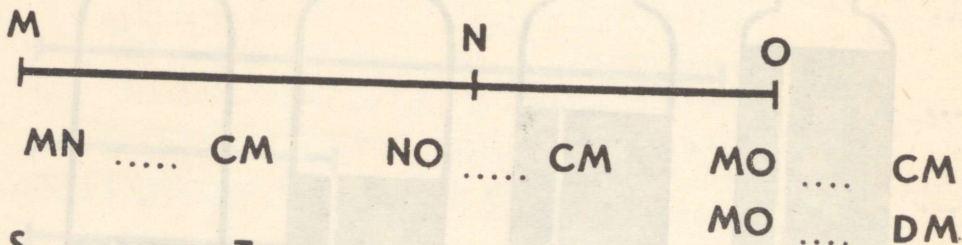
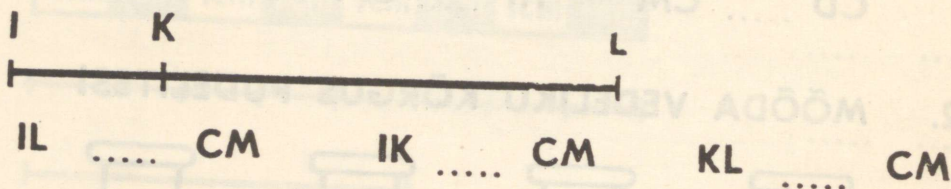
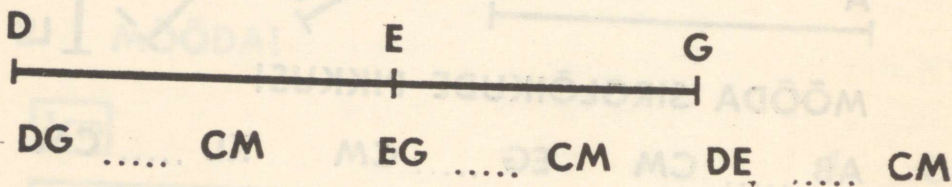
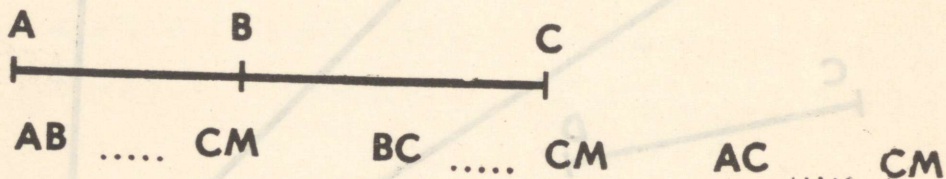
AB ..... CM      EG ..... CM      KL ..... CM  
 CD ..... CM      HI ..... CM

2. MÕÕDA VEDELIKU KÕRGUS PUDELITES!



..... CM      ..... CM      ..... CM,      ..... CM,

# MÕÕDA!



KONTROLLI MÕÕTMIST ARVUTAMISE TEEL!

# ARVUTA JA KIRJUTA TULEMUSED SENTIMEETRITES!

1.  $9 - 8 = 1 \text{ CM}$        $9 - 6 = \dots$        $9 - 5 = \dots$   
 $8 - 6 = \dots$        $8 - 5 = \dots$        $8 - 7 = \dots$   
 $7 - 4 = \dots$        $7 - 6 = \dots$        $7 - 5 = \dots$   
 $6 - 5 = \dots$        $6 - 3 = \dots$        $6 - 4 = \dots$
2.  $9 - 7 = \dots$        $10 - 8 = \dots$        $7 - 5 = \dots$   
 $6 - 5 = \dots$        $5 + 3 = \dots$        $1 + 8 = \dots$   
 $9 - 6 = \dots$        $6 - 4 = \dots$        $5 - 3 = \dots$   
 $5 - 4 = \dots$        $2 + 7 = \dots$        $7 - 2 = \dots$
3.  $8 - 6 = \dots$        $7 - 6 = \dots$        $5 - 5 = \dots$   
 $4 + 5 = \dots$        $3 + 5 = \dots$        $6 + 4 = \dots$   
 $10 - 9 = \dots$        $9 - 7 = \dots$        $9 - 5 = \dots$   
 $2 + 4 = \dots$        $4 + 5 = \dots$        $2 + 7 = \dots$
4.  $10 - 9 = \dots$        $6 - 6 = \dots$        $9 - 6 = \dots$   
 $1 + 8 = \dots$        $3 + 7 = \dots$        $3 + 7 = \dots$   
 $5 + 3 = \dots$        $9 - 7 = \dots$        $7 - 7 = \dots$
5.  $6 + 4 = \dots$        $3 + 6 = \dots$        $4 + 6 = \dots$   
 $10 - 3 = \dots$        $8 - 2 = \dots$        $4 - 2 = \dots$   
 $3 + 5 = \dots$        $9 - 3 = \dots$        $3 + 4 = \dots$

1.

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

2.

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

3.

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

4.

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

1.	$10 - 9 = \dots$	$9 - 8 = \dots$	$9 - 6 = \dots$
	$7 - 6 = \dots$	$8 - 6 = \dots$	$8 - 5 = \dots$
	$8 - 7 = \dots$	$7 - 4 = \dots$	$7 - 6 = \dots$
	$5 - 4 = \dots$	$6 - 5 = \dots$	$6 - 3 = \dots$

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

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

4. EMA TÕI TURULT 3 KG SÖÖGIÕUNU JA 2 KG KEEDUÕUNU. KUI PALJU KAALUVAD NEED ÕUNAD KOKKU?

$$\dots + \dots = \dots \text{ KG}$$

5. KOTIS ON 5 KG KARTULEID. EMA KASUTAS NEIST 2 KG LÕUNASÖÖGI TEGEMISEKS. MITU KILOGRAMMI KARTULEID ON VEEL KOTIS?

$$\dots = \dots \text{ KG}$$

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

4. EMA KORJAS 5 L JÕHVIKAIID, MALLE KORJAS 2 L. MITU LIITRIT KORJASID NAD KOKKU?

..... = ..... L

5. ÄMBRIS ON 7 L PIIMA. SEALT VALATI 3 L TEISE NÕUSSE. MITU LIITRIT PIIMA JÄI ÄMBRISSE?

..... = ..... L

$$\begin{array}{lll}
 1. & 6 + \dots = 10 & 7 + \dots = 8 & \dots + 3 = 9 \\
 & 4 + \dots = 8 & 4 + \dots = 7 & 5 + \dots = 8 \\
 & 2 + \dots = 10 & \dots + 5 = 2 & 1 + \dots = 10 \\
 & \dots + 6 = 8 & 4 + \dots = 6 & 5 + \dots = 9
 \end{array}$$

$$\begin{array}{lll}
 2. & 7 - \dots = 3 & \dots - 5 = 3 & \dots - 8 = 2 \\
 & 7 - \dots = 2 & 10 - \dots = 4 & 8 - \dots = 1 \\
 & \dots - 6 = 3 & 8 - \dots = 4 & 10 - \dots = 9 \\
 & 8 - \dots = 2 & \dots - 4 = 2 & \dots - 4 = 5
 \end{array}$$

3. MAIEL OLI 9 KOPIKAT RAHA. TA OSTIS PINTSLI, MIS MAKSIS 4 KOPIKAT. KUI PALJU JÄI MAIEL RAHA JÄRELE?

..... = ..... KOP.

4. VIHIK MAKSAB 2 KOP., PLIIATS 4 KOP. KUI PALJU MAKSAVAD PLIIATS JA VIHIK KOKKU?

..... = ..... KOP.

1.  $1 + 2 + 2 + 3 = \dots$

$2 + 3 + 1 + 4 = \dots$

$3 + 2 + 2 + 1 = \dots$

$4 + 1 + 3 + 2 = \dots$

2.  $3 + 3 + 1 + 2 = \dots$

$4 + 1 + 3 + 1 = \dots$

$2 + 1 + 3 + 3 = \dots$

$1 + 3 + 1 + 4 = \dots$

3.  $2 + 2 + 3 + 1 = \dots$

$1 + 2 + 2 + 4 = \dots$

$1 + 3 + 2 + 2 = \dots$

$4 + 2 + 2 + 1 = \dots$

4.  $3 + 4 + 1 + 2 = \dots$

$4 + 2 + 2 + 2 = \dots$

$2 + 1 + 4 + 3 = \dots$

$2 + 2 + 2 + 4 = \dots$

5.  $5 + 1 + 1 + 1 = \dots$

$4 + 2 + 1 + 3 = \dots$

$1 + 1 + 1 + 5 = \dots$

$3 + 1 + 2 + 4 = \dots$

6.  $2 + 4 + 1 + 2 = \dots$

$3 + 2 + 1 + 4 = \dots$

$2 + 1 + 4 + 2 = \dots$

$4 + 1 + 2 + 3 = \dots$

1. KIRJUTA ÕIGE MÄRK ( > < = ) !

$7 \dots 7$

$9 \dots 6$

$5 \dots 8$

$7 \dots 8$

$6 \dots 6$

$10 \dots 9$

2.  $3 + 4 \dots 7$

$3 + 4 \dots 6$

$3 + 4 \dots 9$

$6 + 3 \dots 7$

$6 + 3 \dots 10$

$6 + 3 \dots 9$

$4 + 4 \dots 10$

$4 + 4 \dots 8$

$4 + 4 \dots 7$

$2 + 5 \dots 5$

$2 + 5 \dots 9$

$2 + 5 \dots 7$

3.  $10 \dots 7 + 3$

$10 \dots 6 + 3$

$10 \dots 6 + 4$

$8 \dots 5 + 4$

$8 \dots 5 + 3$

$8 \dots 5 + 2$

$9 \dots 0 + 9$

$9 \dots 5 + 2$

$9 \dots 3 + 6$

$4 \dots 4 + 1$

$4 \dots 3 + 1$

$4 \dots 2 + 3$

4.  $3 \dots 7 - 6$

$3 \dots 7 - 0$

$3 \dots 7 - 4$

$5 \dots 10 - 5$

$5 \dots 7 - 2$

$5 \dots 6 - 0$

$7 \dots 8 - 0$

$7 \dots 7 - 1$

$7 \dots 10 - 2$

$6 \dots 8 - 3$

$6 \dots 10 - 4$

$6 \dots 9 - 2$

$$1. \quad 5 + 2 + 1 = \dots \quad 2 + 6 + 1 = \dots \quad 3 + 4 + 1 = \dots$$

$$2 + 5 + 1 = \dots \quad 1 + 2 + 7 = \dots \quad 1 + 1 + 8 = \dots$$

$$1 + 3 + 3 = \dots \quad 3 + 2 + 3 = \dots \quad 1 + 4 + 2 = \dots$$

$$2. \quad 7 - 2 - 1 = \dots \quad 7 - 4 - 2 = \dots \quad 10 - 3 - 4 = \dots$$

$$9 - 3 - 3 = \dots \quad 8 - 3 - 3 = \dots \quad 9 - 4 - 3 = \dots$$

$$6 - 2 - 2 = \dots \quad 6 - 1 - 2 = \dots \quad 8 - 4 - 4 = \dots$$

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

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

$$10 - 5 - 4 = \dots \quad 6 - 2 + 6 = \dots \quad 3 + 2 + 4 = \dots$$

4.

$a$	$4 + a$	$a + 3$	$a + 5$	$a + 2$	$9 - a$
2	.....	.....	.....	.....	.....
0	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....
1	.....	.....	.....	.....	.....

5. KIRJUTA ÕIGE MÄRK!

$$7 \dots 3 \dots 1 = 3 \quad 3 \dots 4 \dots 1 = 6$$

$$2 \dots 4 \dots 3 = 9 \quad 4 \dots 2 \dots 3 = 5$$

$$9 \dots 2 \dots 2 = 5 \quad 2 \dots 7 \dots 4 = 5$$

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

2. KIRJUTA ÕIGE MÄRK (+ -)!

3 $\dots$ 2 = 5	6 $\dots$ 3 = 3	7 = 4 $\dots$ 3
7 $\dots$ 4 = 3	5 $\dots$ 2 = 7	5 = 9 $\dots$ 4
8 $\dots$ 1 = 9	9 $\dots$ 4 = 5	8 = 6 $\dots$ 2

KIRJUTA LISAKS VEEL 7 VÕRDUST!

3. $5 + 2 = \dots$	$\dots = 5 + 2$
$2 + 5 = \dots$	$\dots = 2 + 5$
$7 - 2 = \dots$	$5 = \dots$
$7 - 5 = \dots$	$2 = \dots$

4.  $4 + 5 = \dots$

$\dots$

$\dots$

$\dots$

$\dots$

5.  $3 + 7 = \dots$

$\dots$

$\dots$

$\dots$

$\dots$

# KIRJUTA ÕIGE MÄRK (> < =)!

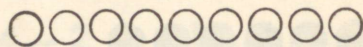
1.  $2 + 2 \dots 2$        $4 - 2 \dots 1$        $3 + 1 \dots 6$   
 $2 + 2 \dots 3$        $4 - 2 \dots 2$        $3 + 2 \dots 6$   
 $2 + 2 \dots 4$        $4 - 2 \dots 3$        $3 + 3 \dots 6$   
 $2 + 2 \dots 5$        $4 - 2 \dots 4$        $3 + 4 \dots 6$
2.  $5 - 3 \dots 6$        $7 - 3 \dots 2$        $2 + 7 \dots 9$   
 $2 + 5 \dots 4$        $5 - 4 \dots 6$        $3 + 5 \dots 7$   
 $6 - 4 \dots 5$        $3 + 5 \dots 4$        $7 - 6 \dots 2$   
 $9 - 6 \dots 3$        $8 - 3 \dots 2$        $8 - 5 \dots 3$
3.  $4 + 4 \dots 7$        $1 + 8 \dots 10$        $3 + 7 \dots 10$   
 $10 - 4 \dots 7$        $8 - 3 \dots 4$        $7 - 0 \dots 7$   
 $2 + 6 \dots 8$        $5 + 5 \dots 10$        $0 + 4 \dots 4$   
 $8 - 3 \dots 4$        $8 - 4 \dots 4$        $9 - 9 \dots 0$
4.  $8 + 2 \dots 9$        $3 + 4 \dots 7$        $6 + 1 \dots 6$   
 $6 - 2 \dots 3$        $7 - 3 \dots 3$        $3 - 1 \dots 1$   
 $4 + 1 \dots 4$        $2 + 7 \dots 8$        $5 + 3 \dots 3$   
 $6 - 1 \dots 5$        $10 - 2 \dots 7$        $7 - 3 \dots 7$

1 KÜMNELINE	0 ÜHELIST	K	Ü	10
●●●●●●●●●●		1	0	
1 KÜMNELINE	1 ÜHELINE	K	Ü	11
●●●●●●●●●○		1	1	
1 KÜMNELINE	... ÜHELIST	K	Ü	12
●●●●●●●●●○○		1	2	
1 KÜMNELINE	... ÜHELIST	K	Ü	13
●●●●●●●●●○○○				
1 KÜMNELINE	... ÜHELIST	K	Ü	14
●●●●●●●●●○○○○				
1 KÜMNELINE	... ÜHELIST	K	Ü	15
●●●●●●●●●○○○○○				
1 KÜMNELINE	... ÜHELIST	K	Ü	16
●●●●●●●●●○○○○○○				
1 KÜMNELINE	... ÜHELIST	K	Ü	17
●●●●●●●●●○○○○○○○				
1 KÜMNELINE	... ÜHELIST	K	Ü	18
●●●●●●●●●○○○○○○○○				

1 KÜMNELINE

.... ÜHELIST

K | Ü

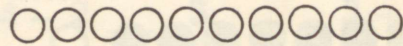


19

1 KÜMNELINE

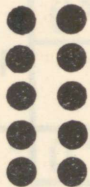
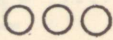

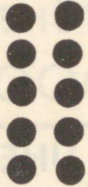
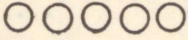


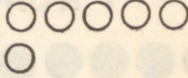

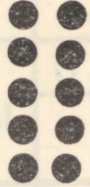
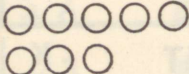


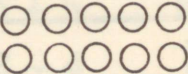


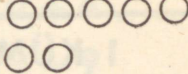

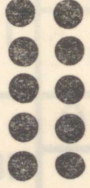
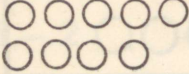







.... ÜHELIST

K | Ü

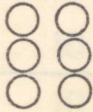


20

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

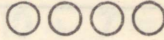
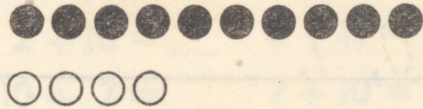
  	  	  
  	  	  
  	  	  

# KUI PALJU?

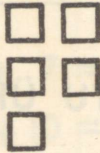
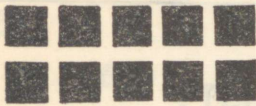


..... KÜMNELINE  
..... ÜHELIST

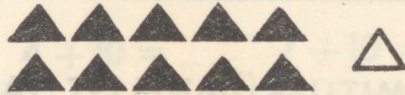
16



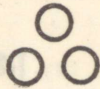
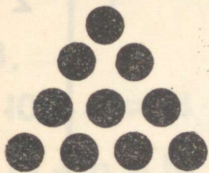
..... KÜMNELINE  
..... ÜHELIST



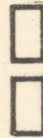
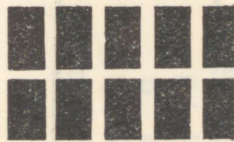
..... KÜMNELINE  
..... ÜHELIST



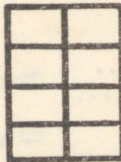
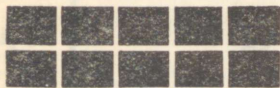
..... KÜMNELINE  
..... ÜHELIST



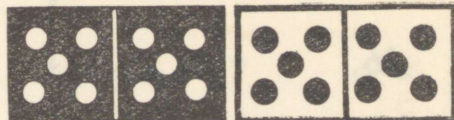
..... KÜMNELINE  
..... ÜHELIST



..... KÜMNELINE  
..... ÜHELIST



..... KÜMNELINE  
..... ÜHELIST



..... KÜMNELINE  
..... ÜHELIST

# 1. KIRJUTA KÕIK ÜHEKOHALISED ARVUD!

0, 1,

# 2. KIRJUTA KAHEKOHALISED ARVUD 10 KUNI 20!

10,

# 3. MITU KÜMNELIST JA MITU ÜHELIST?

KÜMNELISED		ÜHELISED	K		Ü
13	1	3	12	1	2
15	.....	.....	14	.....	.....
17	.....	.....	18	.....	.....
11	.....	.....	20	.....	.....
16	.....	.....	10	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....

1.

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

2.

$10 + 6 = \dots$	$10 + 7 = \dots$	$4 + 10 = \dots$	$7 + 10 = \dots$
$8 + 10 = \dots$	$9 + 10 = \dots$	$10 + 8 = \dots$	$10 + 9 = \dots$
$10 + 8 = \dots$	$7 + 10 = \dots$	$9 + 10 = \dots$	$6 + 10 = \dots$
$6 + 10 = \dots$	$10 + 5 = \dots$	$10 + 5 = \dots$	$10 + 6 = \dots$

3.

$10 + a = 14$	$a = \dots$	$9 + a = 19$	$a = \dots$
$10 + a = 18$	$a = \dots$	$5 + a = 15$	$a = \dots$
$10 + a = 15$	$a = \dots$	$8 + a = 18$	$a = \dots$
$10 + a = 19$	$a = \dots$	$6 + a = 16$	$a = \dots$

4.

$6 + a = 16$	$a = \dots$	$7 + a = 17$	$a = \dots$
$10 + a = 14$	$a = \dots$	$10 + a = 16$	$a = \dots$
$9 + a = 19$	$a = \dots$	$5 + a = 15$	$a = \dots$
$10 + a = 12$	$a = \dots$	$10 + a = 18$	$a = \dots$

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

2. $16 - 10 = \dots$	$15 - 10 = \dots$	$18 - a = 10$	$a = \dots$
$17 - 10 = \dots$	$15 - 5 = \dots$	$16 - a = 10$	$a = \dots$
$18 - 10 = \dots$	$19 - 10 = \dots$	$13 - a = 10$	$a = \dots$
$19 - 10 = \dots$	$19 - 9 = \dots$	$19 - a = 10$	$a = \dots$

3. $16 - a = 10$	$a = \dots$	$a - 5 = 10$	$a = \dots$
$19 - a = 10$	$a = \dots$	$a - 4 = 10$	$a = \dots$
$18 - a = 10$	$a = \dots$	$a - 10 = 10$	$a = \dots$
$17 - a = 10$	$a = \dots$	$a - 3 = 10$	$a = \dots$

4. $10 = 13 - a$	$a = \dots$	$15 - a = 5$	$a = \dots$
$10 = 17 - a$	$a = \dots$	$12 - a = 2$	$a = \dots$
$10 = 16 - a$	$a = \dots$	$14 - a = 10$	$a = \dots$
$10 = 19 - a$	$a = \dots$	$13 - a = 10$	$a = \dots$

5. KIRJUTA 1 KUNI 20!

PAARISARVUD: \_\_\_\_\_

PAARITUD ARVUD: \_\_\_\_\_

1. KIRJUTA PUUDUVAD ARVUD!

1	2	3			6	7			10
11	12		14				18	19	

2. KIRJUTA ÕIGE MÄRK!

8 ... 9      14 .... 15      16 ..... 13      19 ..... 14

15 ... 16      4 .... 5      11 ..... 15      16 ..... 20

3. PÕHJENDA VÕRRATUSI!

15 > 14, SEST 15 = 14 + 1

15 > 14, SEST 15 - 1 = .....

14 < 15, SEST 14 + .... = 15

14 < 15, SEST 14 = 15 - .....

13 > 12, SEST .....

13 > 12, SEST .....

18 < 19, SEST .....

18 < 19, SEST .....

1.	$1 + 2 = \dots$	$2 + 3 = \dots$	$4 + 4 = \dots$
	$11 + 2 = \dots$	$12 + 3 = \dots$	$14 + 4 = \dots$
	$2 + 2 = \dots$	$3 + 4 = \dots$	$3 + 3 = \dots$
	$12 + 2 = \dots$	$13 + 4 = \dots$	$13 + 3 = \dots$

2.	$14 + 3 = a$	$a = \dots$	$15 + 1 = a$	$a = \dots$
	$13 + 4 = a$	$a = \dots$	$16 + 3 = a$	$a = \dots$
	$15 + 4 = a$	$a = \dots$	$17 + 2 = a$	$a = \dots$
	$14 + 5 = a$	$a = \dots$	$18 + 1 = a$	$a = \dots$

3. KAUSIS ON 12 ÕUNA. TALDRIKUL ON 5 ÕUNA. MITU ÕUNA ON KAUSIS JA TALDRIKUL KOKKU?

..... = ..... ÕUNA.

4. BUSSIS OLI 16 REISIJAT. PEATUSES TULI PEALE 3 REISIJAT. MITU INIMEST ON NÜÜD BUSSIS?

..... = ..... INIMEST.

5. JÜRIL ON 16 TAMMETÕRU. MARGUSEL ON 4 TAMMETÕRU ROHKEM. MITU TAMMETÕRU ON MARGUSEL?

..... = ..... TAMMETÕRU.

1.	$2 - 1 = \dots$	$3 - 1 = \dots$	$7 - 3 = \dots$
	$12 - 1 = \dots$	$13 - 1 = \dots$	$17 - 3 = \dots$
	$6 - 2 = \dots$	$8 - 4 = \dots$	$5 - 2 = \dots$
	$16 - 2 = \dots$	$18 - 4 = \dots$	$15 - 2 = \dots$

2.	$14 - 2 = \dots$	$15 - 2 = \dots$	$18 - 7 = \dots$
	$15 - 3 = \dots$	$14 - 3 = \dots$	$18 - 1 = \dots$
	$15 - 4 = \dots$	$13 - 2 = \dots$	$19 - 2 = \dots$
	$16 - 4 = \dots$	$12 - 2 = \dots$	$19 - 3 = \dots$

3.	$17 - 2 = a$	$a = \dots$	$15 - 4 = a$	$a = \dots$
	$17 - 5 = a$	$a = \dots$	$13 - 2 = a$	$a = \dots$
	$18 - 3 = a$	$a = \dots$	$12 - 1 = a$	$a = \dots$
	$18 - 5 = a$	$a = \dots$	$18 - 6 = a$	$a = \dots$

4. MADISEL ON 14 KOPIKAT. TA OSTAB 3-KOPIKASE PIIATSI. KUI PALJU JÄÄB TAL RAHA JÄRELE?

..... = ..... KOP.

5. PEEBUL OLI 16 POSTMARKI. TA ANDIS 4 POSTMARKI JAANILE. MITU POSTMARKI JÄI PEEBULE?

..... = ..... POSTMARKI.

1.	$3 + 5 = \dots$	$2 + 6 = \dots$	$3 + 4 = \dots$
	$18 - 5 = \dots$	$18 - 2 = \dots$	$17 - 4 = \dots$
	$18 - 3 = \dots$	$12 + 6 = \dots$	$14 + 3 = \dots$
	$13 + 5 = \dots$	$18 - 6 = \dots$	$17 - 3 = \dots$

2.	$5 + 4 = \dots$	$12 + 5 = \dots$	$19 - 4 = \dots$
	$14 + 5 = \dots$	$17 - 5 = \dots$	$15 + 4 = \dots$
	$19 - 5 = \dots$	$12 + 6 = \dots$	$16 - 3 = \dots$
	$19 - 4 = \dots$	$18 - 6 = \dots$	$13 + 3 = \dots$

3.	$12 + 7 = \dots$	$19 - 7 = \dots$	$15 + 4 = \dots$
	$15 + 4 = \dots$	$19 - 2 = \dots$	$15 - 3 = \dots$
	$13 + 6 = \dots$	$17 - 4 = \dots$	$13 - 2 = \dots$
	$14 + 3 = \dots$	$18 - 5 = \dots$	$14 + 5 = \dots$

4.	$17 - 4 = \dots$	$14 + 2 = \dots$	$13 + 5 = \dots$
	$15 + 3 = \dots$	$12 + 4 = \dots$	$15 + 3 = \dots$
	$16 - 3 = \dots$	$16 - 2 = \dots$	$18 - 3 = \dots$
	$15 - 2 = \dots$	$16 - 4 = \dots$	$18 - 5 = \dots$

5.	$12 + 7 = a$	$a = \dots$	$13 + 5 = a$	$a = \dots$
	$17 + 2 = a$	$a = \dots$	$16 + 3 = a$	$a = \dots$
	$19 - 2 = a$	$a = \dots$	$14 + 5 = a$	$a = \dots$
	$19 - 7 = a$	$a = \dots$	$17 + 2 = a$	$a = \dots$

1.  $15 + 5 = \dots$        $20 - 4 = \dots$        $17 - 7 = \dots$   
 $18 + 2 = \dots$        $20 - 3 = \dots$        $18 - 7 = \dots$   
 $17 + 3 = \dots$        $20 - 1 = \dots$        $19 - 7 = \dots$   
 $19 + 1 = \dots$        $20 - 2 = \dots$        $20 - 7 = \dots$

2.  $13 + 7 = \dots$        $20 - 9 = \dots$        $14 + 6 = \dots$   
 $12 + 8 = \dots$        $20 - 5 = \dots$        $10 + 8 = \dots$   
 $11 + 9 = \dots$        $17 - 7 = \dots$        $11 + 9 = \dots$   
 $10 + 10 = \dots$        $20 - 7 = \dots$        $13 + 3 = \dots$

3.  $18 + a = 20$      $a = \dots$        $20 - a = 19$      $a = \dots$   
 $14 + a = 20$      $a = \dots$        $20 - a = 17$      $a = \dots$   
 $10 + a = 20$      $a = \dots$        $20 - a = 18$      $a = \dots$   
 $17 + a = 20$      $a = \dots$        $20 - a = 16$      $a = \dots$

4. KAIAL ON 17 PLIIATSIT. KALLEL ON 3  
 PLIIATSIT VÄHEM. MITU PLIIATSIT ON KALLEL?

..... = ..... PLIIATSIT.

5. TÕNUL ON 12 PLIIATSIT. TIINAL ON 7  
 PLIIATSIT ROHKEM. MITU PLIIATSIT ON TIINAL?

..... = ..... PLIIATSIT.

# I. TÄIDA TABEL!

a	a + 4	a + 2	a + 5	a + 3	a + 1
13	17	15	.....	.....	.....
15	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....

2.  $4 + 16 = \dots$        $4 + 14 = \dots$        $12 + 4 = \dots$

$20 - 4 = \dots$        $11 - 4 = \dots$        $4 + 11 = \dots$

$4 + 13 = \dots$        $17 - 4 = \dots$        $16 - 4 = \dots$

$14 + 4 = \dots$        $15 + 4 = \dots$        $4 + 12 = \dots$

3.  $11 + 5 = \dots$        $5 + 12 = \dots$        $18 - 5 = \dots$

$5 + 11 = \dots$        $17 - 5 = \dots$        $14 + 5 = \dots$

$16 - 5 = \dots$        $13 + 5 = \dots$        $5 + 14 = \dots$

$12 + 5 = \dots$        $5 + 13 = \dots$        $19 - 5 = \dots$

4.  $15 + 5 = \dots$        $17 - 5 = \dots$        $6 + 11 = \dots$

$5 + 15 = \dots$        $12 + 5 = \dots$        $17 - 6 = \dots$

$20 - 5 = \dots$        $11 + 5 = \dots$        $12 + 6 = \dots$

$11 + 5 = \dots$        $19 - 5 = \dots$        $6 + 12 = \dots$

1.  $18 - 6 = \dots$        $14 + 6 = \dots$        $11 + 7 = \dots$   
 $13 + 6 = \dots$        $6 + 14 = \dots$        $7 + 11 = \dots$   
 $6 + 13 = \dots$        $20 - 6 = \dots$        $18 - 7 = \dots$   
 $19 - 6 = \dots$        $5 + 11 = \dots$        $12 + 7 = \dots$

2.  $7 + 12 = \dots$        $20 - 7 = \dots$        $12 + 8 = \dots$   
 $19 - 7 = \dots$        $11 + 8 = \dots$        $8 + 12 = \dots$   
 $13 - 7 = \dots$        $8 + 11 = \dots$        $20 - 8 = \dots$   
 $7 + 13 = \dots$        $19 - 8 = \dots$        $11 + 9 = \dots$

3.  $9 + 11 = \dots$        $8 + 12 = \dots$        $11 + 9 = \dots$   
 $20 - 9 = \dots$        $20 - 8 = \dots$        $20 - 7 = \dots$   
 $8 + 11 = \dots$        $7 + 11 = \dots$        $7 + 13 = \dots$   
 $12 + 8 = \dots$        $11 + 8 = \dots$        $19 - 6 = \dots$

4.  $3 + 12 + 5 = \dots$        $15 + 2 + 2 = \dots$        $15 + 4 + 1 = \dots$   
 $2 + 11 + 2 = \dots$        $14 + 5 + 1 = \dots$        $14 + 2 + 3 = \dots$   
 $4 + 13 + 2 = \dots$        $12 + 5 + 2 = \dots$        $12 + 2 + 5 = \dots$   
 $3 + 12 + 2 = \dots$        $13 + 2 + 2 = \dots$        $12 + 5 + 3 = \dots$

$$\begin{array}{lll}
 1. \quad 17 - 2 - 2 = \dots & 19 - 5 - 3 = \dots & 18 - 5 - 1 = \dots \\
 14 - 3 - 1 = \dots & 20 - 6 - 2 = \dots & 15 - 2 - 3 = \dots \\
 18 - 2 - 1 = \dots & 20 - 4 - 3 = \dots & 19 - 3 - 2 = \dots \\
 17 - 2 - 5 = \dots & 19 - 4 - 2 = \dots & 17 - 3 - 4 = \dots
 \end{array}$$

$$\begin{array}{lll}
 2. \quad 19 - 6 + 2 = \dots & 18 + 2 - 4 = \dots & 20 - 6 + 1 = \dots \\
 17 + 2 - 1 = \dots & 17 + 2 - 3 = \dots & 16 + 3 - 6 = \dots \\
 18 - 5 + 3 = \dots & 15 - 2 + 6 = \dots & 19 - 6 + 5 = \dots \\
 19 - 4 + 5 = \dots & 18 - 2 - 5 = \dots & 16 + 3 - 6 = \dots
 \end{array}$$

3.

a	b	a + 6	b + 6
4	14	10	20
2	12	.....	.....
1	11	.....	.....
3	13	.....	.....

4.

a	b	a - 6	b - 6
9	19	.....	.....
6	16	.....	.....
8	18	.....	.....
7	17	.....	.....

$$\begin{array}{llll}
 5. \quad 14 + a = 16 & a = \dots & a - 3 = 11 & a = \dots \\
 15 + a = 18 & a = \dots & a - 7 = 12 & a = \dots \\
 12 + a = 17 & a = \dots & 18 - a = 15 & a = \dots \\
 15 + a = 15 & a = \dots & 15 - a = 11 & a = \dots
 \end{array}$$

1.  $14 + a < 18$       $a = 0, 1, 2, 3$

$17 + a < 20$       $a =$  .....

$12 + a < 17$       $a =$  .....

$15 - a > 12$       $a =$  .....

$17 - a > 12$       $a =$  .....

2.  $11 + 3 > a$       $a =$  .....

$11 + 3 = a$       $a =$  .....

$11 + 3 < a$       $a =$  .....

3.  $12 + a > 17$       $a =$  .....

$12 + a = 17$       $a =$  .....

$12 + a < 17$       $a =$  .....

4.  $11 + a < 18$       $a =$  .....

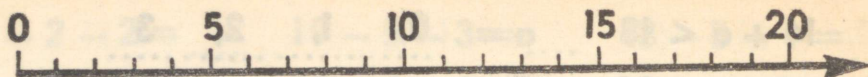
$11 + a = 18$       $a =$  .....

$11 + a > 18$       $a =$  .....

5.  $17 + a > 20$       $a =$  .....

$17 + a = 20$       $a =$  .....

$17 + a < 20$       $a =$  .....



1.  $13 < a < 19$   $a = \dots\dots\dots$        $16 > a > 12$   $a = \dots\dots\dots$   
 $15 < a < 20$   $a = \dots\dots\dots$        $19 > a > 15$   $a = \dots\dots\dots$   
 $7 < a < 11$   $a = \dots\dots\dots$        $20 > a > 15$   $a = \dots\dots\dots$   
 $8 < a < 12$   $a = \dots\dots\dots$        $14 > a > 8$   $a = \dots\dots\dots$

**KIRJUTA ÕIGE MÄRK!**

2.  $13 + 2 \dots\dots 15$        $13 + 2 \dots\dots 14$        $13 + 2 \dots\dots 17$   
 $15 + 1 \dots\dots 14$        $15 + 1 \dots\dots 17$        $15 + 1 \dots\dots 16$   
 $13 + 3 \dots\dots 18$        $13 + 3 \dots\dots 16$        $13 + 3 \dots\dots 15$   
 $12 + 4 \dots\dots 16$        $12 + 4 \dots\dots 19$        $12 + 4 \dots\dots 16$

3.  $15 - 3 \dots\dots 14$        $15 - 5 \dots\dots 10$        $16 - 2 \dots\dots 13$   
 $16 - 4 \dots\dots 12$        $14 - 2 \dots\dots 11$        $14 - 4 \dots\dots 0$   
 $15 - 0 \dots\dots 16$        $16 - 5 \dots\dots 13$        $15 - 2 \dots\dots 16$   
 $14 - 1 \dots\dots 12$        $16 - 0 \dots\dots 16$        $16 - 6 \dots\dots 15$

4.  $15 + 0 + 4 = \dots\dots$        $20 - 6 - 3 = \dots\dots$   
 $18 + 1 + 0 = \dots\dots$        $17 - 3 - 3 = \dots\dots$   
 $14 + 3 + 2 = \dots\dots$        $20 - 5 - 2 = \dots\dots$   
 $14 + 2 + 3 = \dots\dots$        $19 - 5 - 2 = \dots\dots$

5 10 15 20

- 1.  $13 < a < 19$   $a =$  .....  $14 > a > 12$   $a =$  .....
- $15 < a < 20$   $a =$  .....  $19 > a > 18$   $a =$  .....
- $7 < a < 11$   $a =$  .....  $20 > a > 15$   $a =$  .....
- $8 < a < 12$   $a =$  .....  $14 > a > 8$   $a =$  .....

### KIRJUTA OIGE MÄRKSI

- 2.  $13 + 2$  ..... 15     $13 + 2$  ..... 14     $13 + 2$  ..... 17
- $15 + 1$  ..... 14     $15 + 1$  ..... 17     $15 + 1$  ..... 16
- $13 + 3$  ..... 18     $13 + 3$  ..... 16     $13 + 3$  ..... 15
- $12 + 4$  ..... 16     $12 + 4$  ..... 19     $12 + 4$  ..... 16
- 3.  $13 - 3$  ..... 14     $13 - 5$  ..... 10     $14 - 2$  ..... 13
- $16 - 4$  ..... 12     $14 - 2$  ..... 11     $14 - 4$  ..... 8
- $15 - 0$  ..... 16     $16 - 5$  ..... 13     $15 - 2$  ..... 15
- $14 - 1$  ..... 12     $15 - 0$  ..... 16     $16 - 6$  ..... 15

- 4.  $15 + 0 + 4 =$  .....  $20 - 6 - 3 =$  .....

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10 kop.

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