

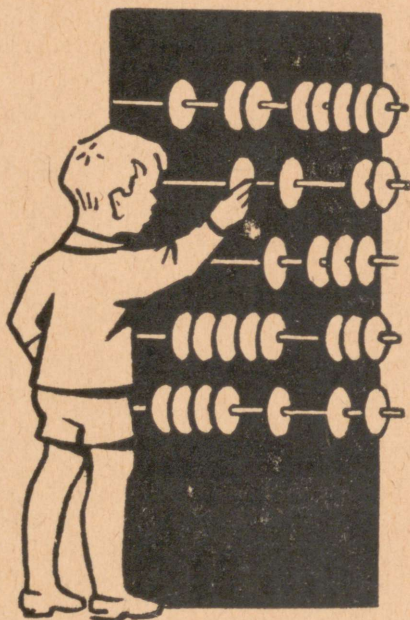
TV-1

A. LINTS

MATEMAATIKA TÖÖVIHIK

1. KLASSILE

3. VIHIK



TRÜ Matemaatikateaduskond
Matemaatika õpetamise
metoodika kateeder

KIRJASTUS «VALGUS»

A-27897

A. LINTS

MATEMAATIKA TÖÖVIHIK

1. KLASSILE

3. VIHIK

4. ÜHEL VEOAUTOL ON 9 PALKI, TEISEL VEOAUTOL 8 PALKI. MITU PALKI ON KAHEL VEOAUTOL KOKKU?

= PALKI.

5. KOOSTA ISE ÜLESANNE, KUS ON VAJA LIITA

9 JA 6

KIRJASTUS «VALGUS»

TALLINN 1968

0-0

Kunstiliselt kujundanud V. Kotkas

Illustreerinud M. Niin

MATEMAATIKA TOOVIIK

1. KLASSE

3. VIK

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

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

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

4. ÜHEL VEOAUTOL ON 9 PALKI, TEISEL VEOAUTOL 8 PALKI. MITU PALKI ON KAHEL VEOAUTOL KOKKU?

..... = PALKI.

5. KOOSTA ISE ÜLESANNE, KUS ON VAJA LIITA 9 JA 6.

..... =

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

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

$$\begin{array}{llll}
 3. \quad 8 + 3 = \dots & 4 + 8 = \dots & 8 + 3 = \dots & 8 + 6 = \dots \\
 8 + 5 = \dots & 6 + 8 = \dots & 3 + 8 = \dots & 6 + 8 = \dots \\
 8 + 8 = \dots & 3 + 8 = \dots & 8 + 5 = \dots & 7 + 8 = \dots \\
 8 + 7 = \dots & 7 + 8 = \dots & 5 + 8 = \dots & 8 + 7 = \dots
 \end{array}$$

$$\begin{array}{llll}
 4. \quad 8 + 4 = \dots & 8 + 9 = \dots & 8 + 4 = \dots & 8 + 8 = \dots \\
 4 + 8 = \dots & 9 + 8 = \dots & 8 + 6 = \dots & 8 + 7 = \dots \\
 8 + 6 = \dots & 8 + 7 = \dots & 8 + 5 = \dots & 8 + 9 = \dots \\
 6 + 8 = \dots & 8 + 4 = \dots & 8 + 3 = \dots & 5 + 8 = \dots
 \end{array}$$

5. LUMESÕJAST VÕTTIS OSA ÜHEL POOLEL 8,
TEISEL 9 LAST. MITU LAST VÕTTIS OSA
LUMESÕJAST?

..... = LAST.

$$\begin{array}{llll}
 1. \quad 7 + 4 = \dots & 7 + 8 = \dots & 7 + 5 = \dots & 7 + 6 = \dots \\
 5 + 7 = \dots & 8 + 7 = \dots & 5 + 7 = \dots & 6 + 7 = \dots \\
 7 + 6 = \dots & 7 + 9 = \dots & 7 + 4 = \dots & 7 + 8 = \dots \\
 7 + 7 = \dots & 9 + 7 = \dots & 4 + 7 = \dots & 8 + 7 = \dots
 \end{array}$$

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

3. LASTEAIAS OLII 7 SUURT NUKKU. VÄIKESI NUKKE OLII 5. MITU NUKKU OLII KOKKU?

..... = NUKKU.

4. PUNASEID PALLE OLII 7, SINISEID PALLE 6. MITU PALLI OLII KOKKU?

..... = PALLI.

$$\begin{array}{llll}
 5. \quad 2 + 3 + 8 = \dots & 2 + 3 + 7 = \dots & 3 + 6 + 7 = \dots \\
 3 + 7 + 8 = \dots & 2 + 5 + 8 = \dots & 4 + 4 + 6 = \dots \\
 2 + 7 + 7 = \dots & 4 + 6 + 4 = \dots & 4 + 5 + 7 = \dots \\
 3 + 3 + 7 = \dots & 4 + 6 + 7 = \dots & 2 + 7 + 8 = \dots
 \end{array}$$

$$\begin{array}{llll}
 1. \ 6 + 6 = \dots & 6 + 7 = \dots & 6 + 9 = \dots & 6 + 5 = \dots \\
 6 + 5 = \dots & 6 + 9 = \dots & 7 + 6 = \dots & 6 + 7 = \dots \\
 6 + 8 = \dots & 6 + 5 = \dots & 8 + 6 = \dots & 6 + 9 = \dots \\
 6 + 9 = \dots & 6 + 4 = \dots & 9 + 6 = \dots & 6 + 8 = \dots
 \end{array}$$

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

$$\begin{array}{llll}
 3. \ 8 + 3 = \dots & 9 + 6 = \dots & 9 + 9 = \dots & 9 + 5 = \dots \\
 9 + 4 = \dots & 8 + 5 = \dots & 8 + 7 = \dots & 9 + 9 = \dots \\
 7 + 5 = \dots & 7 + 4 = \dots & 6 + 5 = \dots & 4 + 9 = \dots \\
 9 + 3 = \dots & 6 + 6 = \dots & 9 + 8 = \dots & 9 + 7 = \dots
 \end{array}$$

4. KAUPLUSES OLI ÜHEL RIIULIL 7 KARPI
KÜPSISEID, TEISEL RIIULIL 8 KARPI. MITU
KARPI OLI KAHEL RIIULIL KOKKU?

..... = KARPI.

5. ÜHEL RIIULIL OLI 6 KOHVIPAKKI, TEISEL
RIIULIL 9. MITU KOHVIPAKKI OLI KOKKU?

..... = PAKKI.

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

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

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

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

$$1. \quad 11 - 2 = 11 - 1 - 1 = 10 - 1 = \dots$$

$$11 - 3 = \dots$$

$$11 - 4 = \dots$$

$$11 - 5 = \dots$$

$$2. \quad 11 - 8 = \dots \quad 11 - 7 = \dots \quad 11 - 3 = a \quad a = \dots$$

$$11 - 6 = \dots \quad 11 - 9 = \dots \quad 11 - 8 = a \quad a = \dots$$

$$11 - 7 = \dots \quad 11 - 5 = \dots \quad 11 - 5 = a \quad a = \dots$$

$$11 - 9 = \dots \quad 11 - 8 = \dots \quad 11 - 6 = a \quad a = \dots$$

$$3. \quad 11 - 5 = a \quad a = \dots \quad a - 3 = 8 \quad a = \dots$$

$$11 - 6 = a \quad a = \dots \quad a - 8 = 3 \quad a = \dots$$

$$11 - 8 = a \quad a = \dots \quad a - 5 = 9 \quad a = \dots$$

$$11 - 3 = a \quad a = \dots \quad a - 9 = 5 \quad a = \dots$$

$$4. \quad 11 - 3 + 6 = \dots \quad 11 - 7 + 8 = \dots$$

$$11 - 5 + 9 = \dots \quad 11 - 8 + 9 = \dots$$

$$11 - 6 + 7 = \dots \quad 11 - 9 + 8 = \dots$$

$$11 - 4 + 2 = \dots \quad 11 - 2 + 5 = \dots$$

1. $12 - 3 = \dots$	$12 - 2 = \dots$	$20 - 4 = \dots$	$11 - 2 = \dots$
$12 - 4 = \dots$	$12 - 6 = \dots$	$15 - 4 = \dots$	$12 - 3 = \dots$
$12 - 5 = \dots$	$12 - 3 = \dots$	$12 - 4 = \dots$	$11 - 4 = \dots$
$12 - 6 = \dots$	$12 - 5 = \dots$	$8 - 4 = \dots$	$12 - 5 = \dots$

2. $12 - 7 = \dots$	$12 - 8 = \dots$	$12 - 5 = \dots$	$12 - 6 = \dots$
$12 - 8 = \dots$	$12 - 6 = \dots$	$12 - 7 = \dots$	$12 - 9 = \dots$
$12 - 9 = \dots$	$12 - 9 = \dots$	$14 - 4 = \dots$	$12 - 3 = \dots$
$12 - 3 = \dots$	$12 - 7 = \dots$	$12 - 8 = \dots$	$12 - 7 = \dots$

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

4. $a - 3 = 8$	$a = \dots$	$12 - a = 8$	$a = \dots$
$a - 8 = 3$	$a = \dots$	$12 - a = 6$	$a = \dots$
$a - 3 = 9$	$a = \dots$	$12 - a = 7$	$a = \dots$
$a - 9 = 3$	$a = \dots$	$12 - a = 5$	$a = \dots$

$$1. \quad 13 - 4 = 13 - 3 - 1 = 10 - 1 = \dots$$

$$13 - 5 = \dots$$

$$13 - 6 = \dots$$

$$2. \quad 13 - 4 = \dots \quad 13 - 5 = \dots \quad 11 - 6 = \dots \quad 12 - 3 = \dots$$

$$13 - 5 = \dots \quad 13 - 7 = \dots \quad 13 - 6 = \dots \quad 12 - 4 = \dots$$

$$13 - 6 = \dots \quad 13 - 4 = \dots \quad 12 - 7 = \dots \quad 11 - 3 = \dots$$

$$13 - 7 = \dots \quad 13 - 6 = \dots \quad 13 - 7 = \dots \quad 12 - 3 = \dots$$

$$3. \quad 13 - 5 = \dots \quad 13 - 8 = \dots \quad 12 - 8 = \dots \quad 13 - 5 = \dots$$

$$13 - 8 = \dots \quad 13 - 7 = \dots \quad 13 - 8 = \dots \quad 11 - 7 = \dots$$

$$13 - 4 = \dots \quad 13 - 5 = \dots \quad 11 - 9 = \dots \quad 13 - 9 = \dots$$

$$13 - 9 = \dots \quad 13 - 3 = \dots \quad 13 - 9 = \dots \quad 11 - 6 = \dots$$

$$4. \quad 13 - a = 9 \quad a = \dots \quad a - 3 = 7 \quad a = \dots$$

$$13 - a = 7 \quad a = \dots \quad a - 3 = 8 \quad a = \dots$$

$$13 - a = 8 \quad a = \dots \quad a - 4 = 8 \quad a = \dots$$

$$13 - a = 6 \quad a = \dots \quad a - 4 = 9 \quad a = \dots$$

5. TRAMMIS OLI 13 REISIJAT, 5 REISIJAT VÄLJUS.
MITU REISIJAT ON NÜÜD TRAMMIS?

..... = REISIJAT.

$$\begin{array}{llll}
 1. & 14 - 9 = \dots & 14 - 5 = \dots & 11 - 7 = \dots & 12 - 3 = \dots \\
 & 14 - 7 = \dots & 14 - 8 = \dots & 12 - 7 = \dots & 12 - 4 = \dots \\
 & 14 - 8 = \dots & 14 - 6 = \dots & 13 - 7 = \dots & 12 - 5 = \dots \\
 & 14 - 6 = \dots & 14 - 7 = \dots & 14 - 7 = \dots & 12 - 6 = \dots
 \end{array}$$

$$\begin{array}{llll}
 2. & 14 - 8 = \dots & 14 - 9 = \dots & 11 - 6 = \dots & 11 - 7 = \dots \\
 & 14 - 6 = \dots & 14 - 7 = \dots & 12 - 7 = \dots & 11 - 9 = \dots \\
 & 14 - 9 = \dots & 14 - 5 = \dots & 13 - 8 = \dots & 11 - 6 = \dots \\
 & 14 - 5 = \dots & 14 - 3 = \dots & 14 - 9 = \dots & 14 - 8 = \dots
 \end{array}$$

$$\begin{array}{llll}
 3. & 14 - a = 7 & a = \dots & a - 9 = 5 & a = \dots \\
 & 14 - a = 9 & a = \dots & a - 5 = 8 & a = \dots \\
 & 14 - a = 6 & a = \dots & a - 8 = 6 & a = \dots \\
 & 14 - a = 8 & a = \dots & a - 6 = 7 & a = \dots
 \end{array}$$

4. RIIULIL ON 14 TALDRIKUT. EMA PANI NEIST LAUALE 8 TALDRIKUT. MITU TALDRIKUT JÄI VEEL RIIULILE?

..... = TALDRIKUT.

5. KOOSTA ISE ÜLESANNE, KUS ON VAJA 14-ST LAHUTADA 5.

..... =

$$1. 15 - 6 = 15 - 5 - 1 = 10 - 1 = \dots$$

$$15 - 7 = \dots$$

$$15 - 8 = \dots$$

$$2. 15 - 6 = \dots \quad 15 - 8 = \dots \quad 20 - 6 = \dots \quad 17 - 9 = \dots$$

$$15 - 7 = \dots \quad 12 - 6 = \dots \quad 15 - 6 = \dots \quad 16 - 9 = \dots$$

$$15 - 8 = \dots \quad 15 - 7 = \dots \quad 20 - 8 = \dots \quad 14 - 9 = \dots$$

$$15 - 9 = \dots \quad 14 - 8 = \dots \quad 15 - 8 = \dots \quad 18 - 9 = \dots$$

$$3. 15 - 8 = \dots \quad 15 - 7 = \dots \quad 15 - 3 = \dots \quad 12 - 8 = \dots$$

$$15 - 7 = \dots \quad 11 - 3 = \dots \quad 15 - 5 = \dots \quad 14 - 8 = \dots$$

$$15 - 9 = \dots \quad 15 - 6 = \dots \quad 15 - 7 = \dots \quad 11 - 8 = \dots$$

$$15 - 6 = \dots \quad 13 - 4 = \dots \quad 15 - 9 = \dots \quad 13 - 8 = \dots$$

$$4. 15 - a = 7 \quad a = \dots \quad a - 9 = 6 \quad a = \dots$$

$$15 - a = 9 \quad a = \dots \quad a - 6 = 8 \quad a = \dots$$

$$15 - a = 6 \quad a = \dots \quad a - 8 = 7 \quad a = \dots$$

$$15 - a = 8 \quad a = \dots \quad a - 7 = 6 \quad a = \dots$$

5. KOOLIL ON 15 KÜÜLIKUT. NEIST 6 ON VALGED, TEISED KÕIK MUSTAD. MITU MUSTA KÜÜLIKUT ON KOOLIL?

..... = KÜÜLIKUT.

6. TIIGI ÄÄRES ON 15 PARTI. NEIST 9 ON NOORED. MITU VANA PARTI ON TIIGI ÄÄRES?

..... = PARTI.

$$1. 16 - 9 = 16 - 6 - 3 = 10 - 3 = \dots$$

$$16 - 8 = \dots$$

$$17 - 8 = \dots$$

$$18 - 9 = \dots$$

$$2. 16 - 6 = \dots \quad 16 - 8 = \dots \quad 20 - 7 = \dots \quad 16 - 7 = \dots$$

$$16 - 7 = \dots \quad 14 - 7 = \dots \quad 16 - 7 = \dots \quad 15 - 7 = \dots$$

$$16 - 8 = \dots \quad 16 - 9 = \dots \quad 12 - 7 = \dots \quad 14 - 7 = \dots$$

$$16 - 9 = \dots \quad 16 - 7 = \dots \quad 8 - 7 = \dots \quad 13 - 7 = \dots$$

$$3. 17 - 6 = \dots \quad 17 - 8 = \dots \quad 20 - 8 = \dots \quad 15 - 7 = \dots$$

$$17 - 7 = \dots \quad 17 - 9 = \dots \quad 17 - 8 = \dots \quad 16 - 7 = \dots$$

$$17 - 8 = \dots \quad 17 - 7 = \dots \quad 14 - 8 = \dots \quad 12 - 6 = \dots$$

$$17 - 9 = \dots \quad 17 - 6 = \dots \quad 11 - 8 = \dots \quad 11 - 5 = \dots$$

$$4. 17 - 9 = \dots \quad 15 - 9 = \dots \quad 20 - 9 = \dots \quad 14 - 5 = \dots$$

$$18 - 9 = \dots \quad 16 - 9 = \dots \quad 18 - 9 = \dots \quad 15 - 6 = \dots$$

$$19 - 9 = \dots \quad 17 - 9 = \dots \quad 18 - 8 = \dots \quad 16 - 7 = \dots$$

$$20 - 9 = \dots \quad 18 - 9 = \dots \quad 18 - 7 = \dots \quad 18 - 9 = \dots$$

$$\begin{aligned}
 1. \quad 11 - 9 &= 10 - 9 + 1 = 1 + 1 = \dots\dots\dots \\
 14 - 8 &= 10 - 8 + 4 = 2 + 4 = \dots\dots\dots \\
 16 - 7 &= \dots\dots\dots \\
 14 - 6 &= \dots\dots\dots \\
 11 - 5 &= \dots\dots\dots
 \end{aligned}$$

$$\begin{aligned}
 2. \quad 15 - 9 &= 10 - 9 + 5 = \dots\dots\dots \\
 13 - 9 &= \dots\dots\dots \\
 11 - 9 &= \dots\dots\dots \\
 12 - 9 &= \dots\dots\dots
 \end{aligned}$$

$$\begin{aligned}
 3. \quad 16 - 9 &= \dots\dots & 11 - 8 &= \dots\dots & 14 - 7 &= \dots\dots & 15 - 6 &= \dots\dots \\
 14 - 9 &= \dots\dots & 13 - 8 &= \dots\dots & 12 - 7 &= \dots\dots & 14 - 6 &= \dots\dots \\
 18 - 9 &= \dots\dots & 12 - 8 &= \dots\dots & 11 - 7 &= \dots\dots & 12 - 6 &= \dots\dots \\
 17 - 9 &= \dots\dots & 14 - 8 &= \dots\dots & 13 - 7 &= \dots\dots & 13 - 6 &= \dots\dots
 \end{aligned}$$

$$\begin{aligned}
 4. \quad 18 - 9 &= \dots\dots & 15 - 7 &= \dots\dots & 17 - 9 &= \dots\dots & 14 - 9 &= \dots\dots \\
 13 - 8 &= \dots\dots & 16 - 7 &= \dots\dots & 11 - 8 &= \dots\dots & 11 - 9 &= \dots\dots \\
 14 - 9 &= \dots\dots & 12 - 6 &= \dots\dots & 12 - 7 &= \dots\dots & 12 - 8 &= \dots\dots \\
 17 - 8 &= \dots\dots & 11 - 6 &= \dots\dots & 13 - 9 &= \dots\dots & 13 - 8 &= \dots\dots
 \end{aligned}$$

1. $11 - 5 = \dots$ $13 - 6 = \dots$ $12 - 4 = \dots$ $11 - 2 = \dots$
 $14 - 5 = \dots$ $15 - 6 = \dots$ $13 - 4 = \dots$ $12 - 5 = \dots$
 $13 - 5 = \dots$ $14 - 6 = \dots$ $11 - 3 = \dots$ $14 - 5 = \dots$
 $11 - 4 = \dots$ $12 - 5 = \dots$ $12 - 3 = \dots$ $16 - 7 = \dots$

2 $12 - 7 = \dots$ $15 - 6 = \dots$ $12 - 7 = \dots$ $13 - 5 = \dots$
 $13 - 6 = \dots$ $13 - 8 = \dots$ $17 - 9 = \dots$ $11 - 7 = \dots$
 $16 - 7 = \dots$ $14 - 7 = \dots$ $11 - 3 = \dots$ $13 - 9 = \dots$
 $12 - 6 = \dots$ $11 - 5 = \dots$ $15 - 9 = \dots$ $11 - 6 = \dots$

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

4. JAAMAS OLI 15 AUTOT, 9 AUTOT SÕITIS ÄRA.
MITU AUTOT JÄI JAAMA?

..... = AUTOT.

5. KOORMAS ON 17 KOTTI, MAHA VÕETI 8 KOTTI.
MITU KOTTI JÄI VEEL KOORMASSE?

..... = KOTTI. — 81

$$1. \quad 9 + 6 = \dots \quad 15 - 6 = \dots \quad 8 + 7 = \dots \quad 15 - 7 = \dots$$

$$6 + 9 = \dots \quad 15 - 9 = \dots \quad 7 + 8 = \dots \quad 15 - 8 = \dots$$

$$2. \quad 9 + 7 = \dots \quad 16 - 7 = \dots \quad 9 + 8 = \dots \quad 17 - 8 = \dots$$

$$7 + 9 = \dots \quad 16 - 9 = \dots \quad 8 + 9 = \dots \quad 17 - 9 = \dots$$

$$3. \quad 9 + 2 = \dots \quad 11 - 2 = \dots \quad 8 + 3 = \dots \quad 11 - 3 = \dots$$

$$2 + 9 = \dots \quad 11 - 9 = \dots \quad 3 + 8 = \dots \quad 11 - 8 = \dots$$

$$4. \quad 7 + 4 = \dots \quad 11 - 4 = \dots \quad 6 + 5 = \dots \quad 11 - 5 = \dots$$

$$4 + 7 = \dots \quad 11 - 7 = \dots \quad 5 + 6 = \dots \quad 11 - 6 = \dots$$

$$5. \quad 9 + 3 = \dots \quad 12 - 3 = \dots \quad 8 + 4 = \dots \quad 12 - 4 = \dots$$

$$3 + 9 = \dots \quad 12 - 9 = \dots \quad 4 + 8 = \dots \quad 12 - 8 = \dots$$

KIRJUTA PUUDUV ARV.

$$6. \quad 3 + 4 + \dots = 12 \quad 6 + 8 - \dots = 13$$

$$2 + 7 + \dots = 14 \quad 8 + 8 - \dots = 8$$

$$7. \quad 11 - 2 = \dots, \text{ SEST} \quad 9 + 2 = 11$$

$$12 - 3 = \dots, \text{ SEST} \quad \dots$$

$$11 - 4 = \dots, \text{ SEST} \quad \dots$$

$$13 - 4 = \dots, \text{ SEST} \quad \dots$$

$$\begin{array}{llll}
 1. & 8 + 4 = \dots & 8 + 3 = \dots & 6 + 5 = \dots & 6 + 6 = \dots \\
 & 15 - 6 = \dots & 11 - 6 = \dots & 12 - 4 = \dots & 13 - 5 = \dots \\
 & 7 + 7 = \dots & 9 + 4 = \dots & 7 + 6 = \dots & 8 + 7 = \dots \\
 & 14 - 5 = \dots & 12 - 7 = \dots & 11 - 2 = \dots & 12 - 5 = \dots
 \end{array}$$

$$\begin{array}{llll}
 2. & 8 + 5 = \dots & 9 + 5 = \dots & 15 - 8 = \dots & 12 - 3 = \dots \\
 & 11 - 8 = \dots & 14 - 6 = \dots & 7 + 4 = \dots & 8 + 7 = \dots \\
 & 7 + 6 = \dots & 6 + 5 = \dots & 13 - 6 = \dots & 16 - 9 = \dots \\
 & 12 - 4 = \dots & 12 - 8 = \dots & 14 - 7 = \dots & 11 - 2 = \dots
 \end{array}$$

$$\begin{array}{llll}
 3. & 6 + 6 = \dots & 11 - 7 = \dots & 8 + a = 11 & a = \dots \\
 & 13 - 7 = \dots & 8 + 3 = \dots & 8 + a = 13 & a = \dots \\
 & 9 + 4 = \dots & 13 - 4 = \dots & 9 + a = 12 & a = \dots \\
 & 12 - 6 = \dots & 12 - 9 = \dots & 8 + a = 15 & a = \dots
 \end{array}$$

$$\begin{array}{llll}
 4. & 7 + a = 13 & a = \dots & 8 + a = 13 & a = \dots \\
 & 6 + a = 12 & a = \dots & 7 + a = 15 & a = \dots \\
 & 5 + a = 11 & a = \dots & 8 + a = 17 & a = \dots
 \end{array}$$

$$\begin{array}{lll}
 5. & 7 < 12 & 7 + \dots = 12 & 7 = 12 - \dots \\
 & 6 < 12 & \dots & \dots \\
 & 8 < 12 & \dots & \dots \\
 & 9 < 15 & \dots & \dots
 \end{array}$$

1. $8 < 17$

$8 + \dots = 17$

$8 = 17 - \dots$

$9 < 14$

$\dots$

$\dots$

$13 > 8$

$13 = 8 + \dots$

$13 - \dots = 8$

$15 > 7$

$\dots$

$\dots$

2. $15 > 9$

$\dots$

$\dots$

$14 > 8$

$\dots$

$\dots$

$13 > 7$

$\dots$

$\dots$

$11 > 6$

$\dots$

$\dots$

3.

a	$7 + a$	$8 + a$	$9 + a$
7	$\dots$	$\dots$	$\dots$
9	$\dots$	$\dots$	$\dots$
6	$\dots$	$\dots$	$\dots$
8	$\dots$	$\dots$	$\dots$

4.

a	$11 - a$	$12 - a$	$13 - a$
6	$\dots$	$\dots$	$\dots$
8	$\dots$	$\dots$	$\dots$
9	$\dots$	$\dots$	$\dots$
7	$\dots$	$\dots$	$\dots$

1.

$17 - 8 = \dots \quad 15 - 7 = \dots \quad 11 - 5 = \dots \quad 13 - 6 = \dots$

$9 + 6 = \dots \quad 9 + 2 = \dots \quad 7 + 7 = \dots \quad 8 + 4 = \dots$

$11 - 9 = \dots \quad 16 - 7 = \dots \quad 12 - 5 = \dots \quad 15 - 6 = \dots$

$14 - 5 = \dots \quad 14 - 9 = \dots \quad 16 - 8 = \dots \quad 14 - 8 = \dots$

2.

$17 - 9 = \dots \quad 14 - 6 = \dots \quad 15 - 6 = \dots \quad 12 - 5 = \dots$

$16 - 7 = \dots \quad 9 + 3 = \dots \quad 8 + 8 = \dots \quad 9 + 8 = \dots$

$8 + 6 = \dots \quad 11 - 4 = \dots \quad 13 - 5 = \dots \quad 11 - 3 = \dots$

$11 - 6 = \dots \quad 12 - 7 = \dots \quad 15 - 7 = \dots \quad 13 - 9 = \dots$

3.

$15 - 9 = \dots \quad 13 - 8 = \dots \quad 12 - 9 = \dots \quad 7 + 6 = \dots$

$12 - 7 = \dots \quad 9 + 5 = \dots \quad 6 + 5 = \dots \quad 12 - 7 = \dots$

$7 + 5 = \dots \quad 11 - 5 = \dots \quad 13 - 5 = \dots \quad 15 - 9 = \dots$

$11 - 6 = \dots \quad 9 + 9 = \dots \quad 8 + 9 = \dots \quad 8 + 4 = \dots$

4. $a + b$	a	b
8	0	.....
8	1	.....
8	2	.....
8	3	.....
8	4	.....

$a + b$	a	b
9	0	.....
9	1	.....
9	2	.....
9	3	.....
9	4	.....

1. ARVUTA 8 JA 4 SUMMA. =
 ARVUTA 7 JA 5 SUMMA. =
 VÕRDLE MÕLEMAID OMAVAHEL.

2. ARVUTA 9 JA 6 SUMMA. =
 VÄHENDA SEDA SUMMAT 9 VÕRRA.
 =

3. $4 + 9 = 4 + 10 - 1 = 14 - 1 = 13$
 $2 + 9 = 2 + 10 - 1 = \dots = \dots$
 $5 + 9 = \dots = \dots = \dots$
 $8 + 9 = \dots = \dots = \dots$

4.

$16 - 8 - 8 = \dots$ $9 + 5 - 7 = \dots$ $9 + 7 - 8 = \dots$
 $16 - 8 + 8 = \dots$ $8 + 8 - 9 = \dots$ $8 + 8 - 7 = \dots$
 $16 - 6 - 10 = \dots$ $6 + 6 - 4 = \dots$ $7 + 9 - 8 = \dots$
 $16 - 10 - 6 = \dots$ $3 + 9 - 6 = \dots$ $16 - 9 + 7 = \dots$

5.

$13 - 5 - 3 = \dots$ $11 - 2 + 4 = \dots$ $15 - 5 - 5 = \dots$
 $13 - (5 - 3) = \dots$ $11 - (2 + 4) = \dots$ $15 - (5 - 5) = \dots$

1. $16 = 7 + a$	$a = \dots\dots$	2. $13 = 6 + a$	$a = \dots\dots$
$16 = 8 + a$	$a = \dots\dots$	$13 = 5 + a$	$a = \dots\dots$
$16 = 9 + a$	$a = \dots\dots$	$13 = 8 + a$	$a = \dots\dots$
$16 = 10 + a$	$a = \dots\dots$	$13 = 6 + a$	$a = \dots\dots$

PANE ÕIGE MÄRK (>, <, =).

3. $7 + 8$	$\dots\dots$	$20 - 6$	$\dots\dots$	$17 - 8$	$\dots\dots$	$8 + 9$
$3 + 9$	$\dots\dots$	$8 + 6$	$\dots\dots$	$17 - 9$	$\dots\dots$	$9 + 8$
$11 - 3$	$\dots\dots$	$12 - 7$	$\dots\dots$	$11 - 8$	$\dots\dots$	$12 - 4$
$13 - 4$	$\dots\dots$	$11 - 4$	$\dots\dots$	$12 - 3$	$\dots\dots$	$11 - 5$

4. $13 - 8 = \dots\dots$	$16 - 8 = \dots\dots$	$15 - 9 = \dots\dots$	$17 - 9 = \dots\dots$
$15 - 6 = \dots\dots$	$14 - 9 = \dots\dots$	$15 - 7 = \dots\dots$	$9 - 3 = \dots\dots$
$13 - 7 = \dots\dots$	$13 - 6 = \dots\dots$	$16 - 9 = \dots\dots$	$10 - 4 = \dots\dots$
$15 - 8 = \dots\dots$	$16 - 7 = \dots\dots$	$14 - 6 = \dots\dots$	$10 - 0 = \dots\dots$

5. PIRETI PLIIATS ON 9 CM PIKK. VIIU PLIIATS ON 5 CM PIKEM. ARVUTA!

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

6. ÜLLE PLIIATS ON 12 CM PIKK. KAIDO PLIIATS ON 4 CM LÜHEM. MIDA VÕIB ARVUTADA?

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

$$1. \quad a + 4 < 13 \quad a = \dots\dots\dots$$

$$a + 4 > 13 \quad a = \dots\dots\dots$$

$$2. \quad 7 + a < 14 \quad a = \dots\dots\dots$$

$$7 + a > 14 \quad a = \dots\dots\dots$$

$$3. \quad a + 6 < 14 \quad a = \dots\dots\dots$$

$$a + 6 = 14 \quad a = \dots\dots\dots$$

$$a + 6 > 14 \quad a = \dots\dots\dots$$

$$4. \quad 6 + a < 12 \quad a = \dots\dots\dots$$

$$6 + a = 12 \quad a = \dots\dots\dots$$

$$6 + a > 12 \quad a = \dots\dots\dots$$

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

$$19 - 6 + 9 = \dots \quad 8 + 6 - 9 = \dots \quad 12 - 8 + 5 = \dots$$

$$3 + 8 - 7 = \dots \quad 5 + 9 - 7 = \dots \quad 13 - 4 + 5 = \dots$$

$$6 + 6 - 8 = \dots \quad 5 + 6 - 9 = \dots \quad 11 + 3 - 6 = \dots$$

$$6. \quad 9 - 6 + 8 = \dots \quad 4 + 4 + 6 = \dots \quad 15 - 7 + 6 = \dots$$

$$19 - 5 - 6 = \dots \quad 7 + 4 + 9 = \dots \quad 9 + 6 - 8 = \dots$$

$$14 - 9 + 8 = \dots \quad 15 - 9 + 8 = \dots \quad 9 + 5 - 7 = \dots$$

$$3 + 5 + 6 = \dots \quad 15 - 8 + 6 = \dots \quad 3 + 5 + 5 = \dots$$

1.	$13 - a = 8$	$a = \dots$	$11 - b = 8$	$b = \dots$
	$14 - a = 7$	$a = \dots$	$12 - b = 6$	$b = \dots$
	$12 - a = 9$	$a = \dots$	$13 - b = 7$	$b = \dots$
	$15 - a = 8$	$a = \dots$	$14 - b = 9$	$b = \dots$

2.	$c - 3 = 9$	$c = \dots$	$d - 4 = 8$	$d = \dots$
	$c - 5 = 8$	$c = \dots$	$d - 5 = 6$	$d = \dots$
	$c - 2 = 9$	$c = \dots$	$d - 7 = 9$	$d = \dots$
	$c - 4 = 8$	$c = \dots$	$d - 9 = 8$	$d = \dots$

3.	$a + 4 < 13$	$a < 9$	$8 + a < 12$	$\dots\dots\dots$
	$a + 4 > 13$	$a \dots 9$	$8 + a > 12$	$\dots\dots\dots$
	$a + 5 < 12$	$a < \dots$	$5 + a < 13$	$\dots\dots\dots$
	$a + 5 > 12$	$a > \dots$	$5 + a > 13$	$\dots\dots\dots$

4.	$7 + 9 - 8 + 3 = \dots$	$19 - 8 - 4 + 5 = \dots$
	$5 + 3 + 8 - 9 = \dots$	$7 + 6 + 3 + 2 = \dots$
	$4 + 7 + 3 - 8 = \dots$	$9 + 8 + 1 - 9 = \dots$
	$10 + 10 - 6 - 9 = \dots$	$7 + 5 + 4 - 8 = \dots$

1. $8 + a = 11$ $a = 11 - 8$ $a = \dots$
 $6 + a = \dots$ $a = \dots$ $a = \dots$
 $9 + a = \dots$ $a = \dots$ $a = \dots$
 $7 + a = \dots$ $a = \dots$ $a = \dots$

2. $a + 7 = 13$ $a = \dots$ $a = \dots$
 $a + 6 = 12$ $a = \dots$ $a = \dots$
 $a + 5 = 11$ $a = \dots$ $a = \dots$
 $a + 8 = 14$ $a = \dots$ $a = \dots$

3.

a	b	c	$a + b + c$	$a + c + b$	$b + c + a$
8	7	5	.....	.....	.....
6	6	3	.....	.....	.....
5	9	6	.....	.....	.....
7	4	5	.....	.....	.....

4. $3 + 6 + 8 = \dots$ $20 - 5 - 8 = \dots$ $6 + 9 - 7 = \dots$
 $7 + 5 + 2 = \dots$ $16 - 3 - 9 = \dots$ $9 + 8 - 5 = \dots$
 $9 + 4 + 1 = \dots$ $18 - 9 - 5 = \dots$ $17 - 8 + 6 = \dots$
 $8 + 6 + 4 = \dots$ $17 - 7 - 4 = \dots$ $14 - 5 + 8 = \dots$

$$1. \quad 7 + 7 + 4 - 5 = \dots$$

$$15 - 9 + 2 + 7 = \dots$$

$$14 - 8 + 3 + 5 = \dots$$

$$8 + 6 - 1 - 9 = \dots$$

$$5 + 5 + 4 - 9 = \dots$$

$$4 + 5 + 6 - 8 = \dots$$

$$13 - 7 + 8 - 9 = \dots$$

$$15 - 3 - 8 - 4 = \dots$$

$$2. \quad 15 - 9 - a = 0 \quad a = \dots$$

$$17 - 8 + 9 = \dots$$

$$16 - 8 - a = 0 \quad a = \dots$$

$$13 - 4 + 5 = \dots$$

$$13 - 4 - a = 0 \quad a = \dots$$

$$12 - 6 + 7 = \dots$$

$$14 - 7 - a = 0 \quad a = \dots$$

$$11 - 5 + 7 = \dots$$

3. AIAS KASVAB 3 PIRNIPUUD, 8 ÕUNAPUUD JA 5 PLOOMIPUUD. MITU VILJAPUUD KASVAB SELLES AIAS?

..... = VILJAPUUD.

4. MAJA EHITAMISEL TÖÖTAB 3 KROHVIJAT, 4 MAALRIT JA 4 ELEKTRIKUT. MITU TÖÖLIST TÖÖTAB SELLES MAJAS?

..... = TÖÖLIST.

5. BUSSIS OLI 15 SÕITJAT. PEATUSES VÄLJUS 8 SÕITJAT JA PEALE TULI 5 SÕITJAT. MITU SÕITJAT ON NÜÜD BUSSIS?

..... = SÕITJAT.

1.

a	b	c	a + b	a + c	b + c
9	5	8	14	.....	.....
5	6	7	.....	.....	.....
7	5	8	.....	.....	.....
9	7	6	.....	.....	.....

2. $16 - 8 - 5 = \dots$ $7 + 7 - 8 = \dots$ $13 - 4 + 6 = \dots$

$13 + 3 - 7 = \dots$ $6 + 6 - 8 = \dots$ $7 + 9 - 8 = \dots$

$15 - 7 + 6 = \dots$ $20 - 4 - 7 = \dots$ $14 - 6 + 7 = \dots$

$8 + 8 - 9 = \dots$ $11 - 8 + 9 = \dots$ $7 + 5 + 5 = \dots$

3. LEIA ARV, MILLEGA 9 LIITES SAAME 14.

4. LEIA 8 JA 7 SUMMA. VÄHENDA SAADUD SUMMAT 9 VÕRRA. KUI PALJU SA SAID?

5. $3 + 9 + 5 = \dots$ $17 - 8 + 9 = \dots$ $14 + 5 - 7 = \dots$

$20 - 7 - 7 = \dots$ $16 - 8 + 9 = \dots$ $16 + 3 - 4 = \dots$

$8 + 7 + 5 = \dots$ $15 - 8 + 7 = \dots$ $9 + 6 - 8 = \dots$

$4 + 5 + 9 = \dots$ $17 - 8 - 6 = \dots$ $7 + 8 - 9 = \dots$

1. EERO VISKAS TÄRINGUTEGA 6, 5 JA 4 SILMA.
MITU SILMA VISKAS EERO KOKKU?

..... = SILMA.

2. SILJA VISKAS 5, 4 JA 6 SILMA. MITU SILMA
VISKAS SILJA KOKKU?

..... = SILMA.

3. $a + 8 < 15$ $a =$

$a + 8 = 15$ $a =$

$a + 8 > 15$ $a =$

4. $7 + b < 13$ $b =$

$7 + b = 13$ $b =$

$7 + b > 13$ $b =$

5. $3 + 0 =$ $13 + 0 =$ $17 - 0 =$ $15 + 0 =$

$0 + 5 =$ $0 + 17 =$ $5 - 0 =$ $15 - 0 =$

6. $5 + 4 + 9 =$ $19 - 8 - 7 =$ $11 - 2 + 3 =$

$7 + 6 + 3 =$ $16 - 2 - 3 =$ $16 - 4 + 3 =$

$4 + 3 + 8 =$ $14 - 5 - 6 =$ $15 - 8 + 4 =$

$2 + 7 + 6 =$ $13 - 6 - 2 =$ $12 - 4 + 7 =$..

1. KALLEL OLI 12 KOPIKAT. TA OSTIS 5 KOPIKA
EEST JOONISTUSVIHIKU. MITU KOPIKAT JÄI
KALLELE NÜÜD?

..... = KOP.

2. MALLEL OLI 20 KOPIKAT. TA OSTIS 8 KOPIKA
EEST VÄRVILISI PABEREID. MIDA VÕID ARVU-
TADA? ARVUTA!

..... = KOP.

3. LEIA 12 JA 3 VAHE.

SUURENDA SEDA 5 VÕRRA.

.....

.....

4. LEIA 7 JA 8 SUMMA.

VÄHENDA SEDA 9 VÕRRA.

.....

.....

5. $16 - 9 + 8 - 3 = \dots$

$6 + 6 + 5 - 8 = \dots$

$11 - 4 + 8 - 7 = \dots$

$8 + 9 - 6 - 3 = \dots$

$17 - 9 - 2 + 5 = \dots$

$5 + 6 + 7 - 9 = \dots$

$7 + 7 - 9 + 3 = \dots$

$18 - 6 - 5 - 3 = \dots$

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

1				5					10
11					16			19	
			24						

16	17	.....	19	.....	21	.....	20	21
22	23	.....	24	.....	26	.....	23	24
18	19	.....	18	.....	20	.....	27	28
28	29	.....	27	.....	29	.....	29	30

1. KIRJUTA ARVUD 21-ST KUNI 30-NI.

21 22

2. KIRJUTA ARVUD 30-ST KUNI 21-NI.

30 28

3. KIRJUTA IGASSE TÜHJA RUUTU PUUDUV ARV.

20	21			24		26			29	
30		28			25			22		

4. ARVUTA.

$21 + 1 = \dots$

$25 + 1 = \dots$

$29 + 1 = \dots$

$22 + 1 = \dots$

$26 + 1 = \dots$

$20 + 5 = \dots$

$23 + 1 = \dots$

$27 + 1 = \dots$

$20 + 8 = \dots$

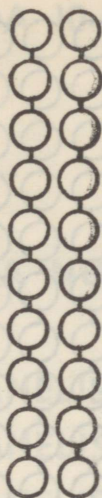
$24 + 1 = \dots$

$28 + 1 = \dots$

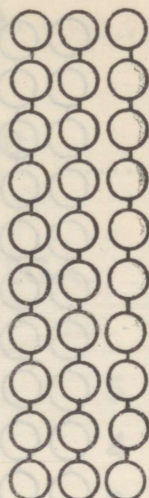
$20 + 7 = \dots$



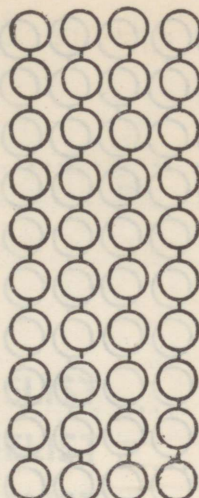
1 KÜMNELINE



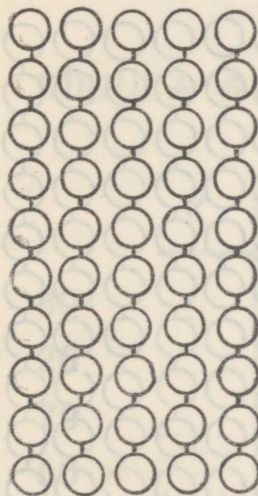
2 KÜMNELIST



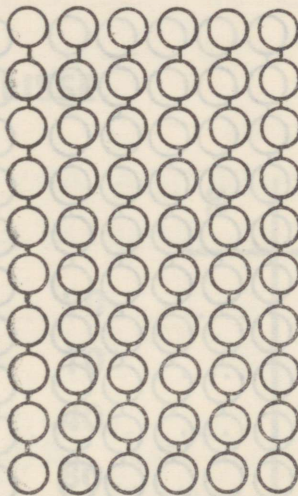
..... KÜMNELIST



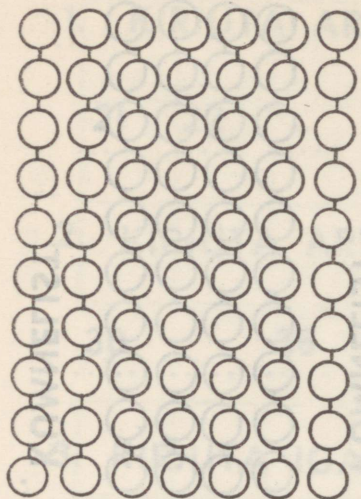
..... KÜMNELIST



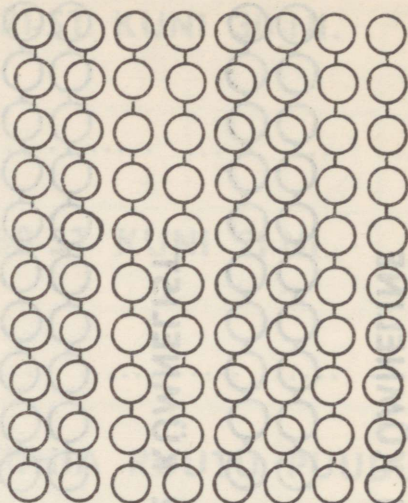
..... KÜMNELIST



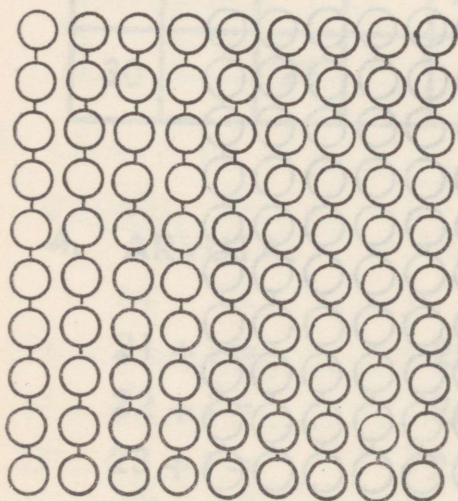
..... KÜMNELIST



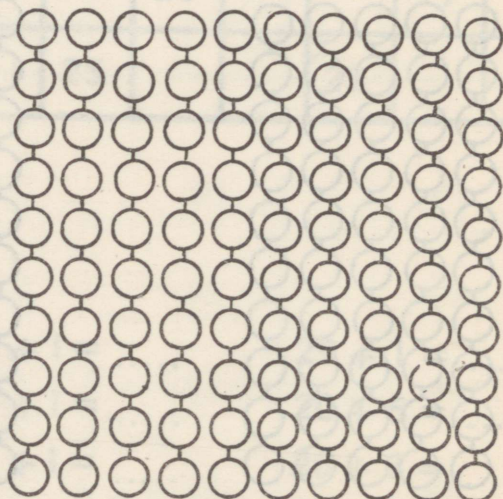
..... KÜMNELIST



..... KÜMNELIST



..... KÜMNELIST



..... KÜMNELIST EHK

1 SAJALINE

1. LOENDA 10-KAUPA.

10 20 50 100

2. KIRJUTA NUMBRITEGA.

2 KÜMNELIST 20

5 KÜMNELIST

8 KÜMNELIST

4 KÜMNELIST

7 KÜMNELIST

9 KÜMNELIST

3 KÜMNELIST

6 KÜMNELIST

3. KIRJUTA ARVUD TABELISSE.

	K	Ü
80		
20		
70		
60		
30		

	K	Ü
90		
10		
40		
80		
50		

1. PANE ÕIGE MÄRK (>,<=).

40 30	60 60	70 60	50 50
30 40	50 60	50 20	10 100
20 30	90 80	80 80	50 40

2. PÕHJENDA VÕRRATUSI.

20 < 30	20 + = 30	90 < 100	
60 < 70	.....	70 < 80	.....
40 > 30	40 = 30 +	60 > 50	.....
60 > 50	.....	80 > 90	.....

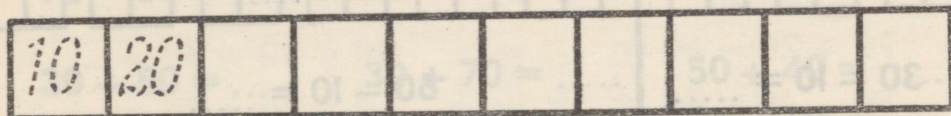
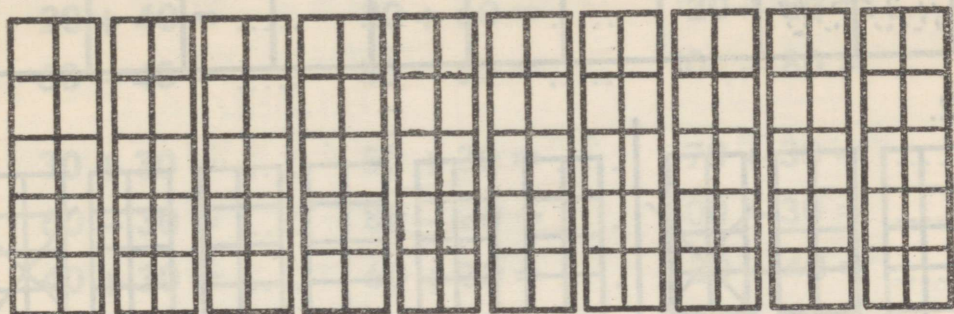
3. KIRJUTA IGA ARVU KÕRVALE TEMAST 10 VÕRRA SUUREM ARV.

30 60 40 80 70

4. KIRJUTA IGA ARVU KÕRVALE TEMAST 10 VÕRRA VÄIKSEM ARV.

..... 90 70 40 30 50

LOENDA 10-KAUPA.



1.

$1 + 1 = \dots$

$1 \text{ k.} + 1 \text{ k.} = \dots \text{ k.}$

$10 + 10 = \dots$

$2 + 1 = \dots$

$2 \text{ k.} + 1 \text{ k.} = \dots \text{ k.}$

$20 + 10 = \dots$

$3 + 1 = \dots$

$3 \text{ k.} + 1 \text{ k.} = \dots \text{ k.}$

$30 + 10 = \dots$

$4 + 1 = \dots$

$4 \text{ k.} + 1 \text{ k.} = \dots \text{ k.}$

$40 + 10 = \dots$

$5 + 1 = \dots$

$5 \text{ k.} + 1 \text{ k.} = \dots \text{ k.}$

$50 + 10 = \dots$

$6 + 1 = \dots$

$6 \text{ k.} + 1 \text{ k.} = \dots \text{ k.}$

$60 + 10 = \dots$

$7 + 1 = \dots$

$7 \text{ k.} + 1 \text{ k.} = \dots \text{ k.}$

$70 + 10 = \dots$

$8 + 1 = \dots$

$8 \text{ k.} + 1 \text{ k.} = \dots \text{ k.}$

$80 + 10 = \dots$

$9 + 1 = \dots$

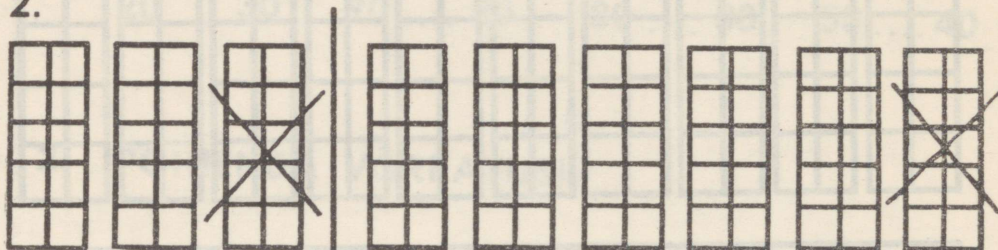
$9 \text{ k.} + 1 \text{ k.} = \dots \text{ k.}$

$90 + 10 = \dots$

1. LOENDA 100-ST 10-KAUPA TAGASI 10-NI.

100	90								
-----	----	--	--	--	--	--	--	--	--

2.



$$30 - 10 = \dots$$

$$60 - 10 = \dots$$

3. $70 + 10 = \dots$

$90 + 10 = \dots$

$60 + 10 = \dots$

$80 - 10 = \dots$

$100 - 10 = \dots$

$70 - 10 = \dots$

$10 + 10 = \dots$

$20 + 10 = \dots$

$80 + 10 = \dots$

$20 - 10 = \dots$

$30 - 10 = \dots$

$90 - 10 = \dots$

4. $30 + 10 = \dots$

$60 + 10 = \dots$

$40 + 10 = \dots$

$10 + 30 = \dots$

$10 + 60 = \dots$

$10 + 40 = \dots$

$40 - 10 = \dots$

$70 - 10 = \dots$

$50 - 10 = \dots$

$40 - 30 = \dots$

$70 - 60 = \dots$

$50 - 40 = \dots$

1. $20 + 30 = \dots$ $20 + 40 = \dots$ $20 + 70 = \dots$
 $50 - 30 = \dots$ $70 - 50 = \dots$ $90 - 70 = \dots$
 $20 + 40 = \dots$ $20 + 60 = \dots$ $20 + 80 = \dots$
 $60 - 40 = \dots$ $80 - 60 = \dots$ $100 - 80 = \dots$
2. $30 + 30 = \dots$ $50 + 30 = \dots$ $70 + 30 = \dots$
 $60 - 30 = \dots$ $80 - 30 = \dots$ $100 - 30 = \dots$
 $40 + 30 = \dots$ $60 + 30 = \dots$ $30 + 40 = \dots$
 $70 - 30 = \dots$ $90 - 30 = \dots$ $70 - 40 = \dots$
3. $30 + 50 = \dots$ $30 + 70 = \dots$ $50 + 40 = \dots$
 $80 - 50 = \dots$ $100 - 70 = \dots$ $90 - 40 = \dots$
 $30 + 60 = \dots$ $40 + 40 = \dots$ $60 + 40 = \dots$
 $90 - 60 = \dots$ $80 - 40 = \dots$ $100 - 40 = \dots$
4. $40 + 50 = \dots$ $50 + 50 = \dots$ $30 + 70 = \dots$
 $90 - 50 = \dots$ $100 - 50 = \dots$ $40 + 30 = \dots$
 $40 + 60 = \dots$ $20 + 40 = \dots$ $80 - 30 = \dots$
 $100 - 60 = \dots$ $80 - 60 = \dots$ $70 - 40 = \dots$
5. $90 + a = 100$ $a = \dots$ $40 + a = 60$ $a = \dots$
 $60 + a = 100$ $a = \dots$ $60 + a = 80$ $a = \dots$
 $40 + a = 100$ $a = \dots$ $30 + a = 70$ $a = \dots$
 $30 + a = 100$ $a = \dots$ $20 + a = 90$ $a = \dots$

$$\begin{array}{ll}
 1. \quad 80 = a + 20 & a = \dots \quad 80 = a - 10 \quad a = \dots \\
 60 = a + 30 & a = \dots \quad 40 = a - 40 \quad a = \dots \\
 70 = a + 40 & a = \dots \quad 60 = a - 20 \quad a = \dots \\
 90 = a + 10 & a = \dots \quad 20 = a - 30 \quad a = \dots
 \end{array}$$

$$\begin{array}{ll}
 2. \quad 40 + a = 70 & a = \dots \quad 80 + a = 90 \quad a = \dots \\
 50 + a = 60 & a = \dots \quad 30 + a = 60 \quad a = \dots \\
 20 + a = 90 & a = \dots \quad 70 + a = 80 \quad a = \dots \\
 60 + a = 80 & a = \dots \quad 10 + a = 70 \quad a = \dots
 \end{array}$$

$$\begin{array}{ll}
 3. \quad 70 + 20 - 60 = \dots & 80 - 40 + 30 = \dots \\
 50 - 40 + 90 = \dots & 10 + 90 - 70 = \dots \\
 50 + 50 - 70 = \dots & 60 - 30 + 50 = \dots
 \end{array}$$

$$4. \quad 80 - 40 + 10 = \dots \quad 30 + 40 - 20 = \dots$$

$$\begin{array}{ll}
 100 = 10 + 10 + a & a = \dots \quad 60 = 20 + 30 + a \quad a = \dots \\
 90 = 30 + 20 + a & a = \dots \quad 50 = 20 + 10 + a \quad a = \dots \\
 80 = 20 + 30 + a & a = \dots \quad 40 = 10 + 10 + a \quad a = \dots \\
 70 = 40 + 10 + a & a = \dots \quad 90 = 20 + 20 + a \quad a = \dots
 \end{array}$$

5. AIAS ON VEETÜNN, MILLE MAHT ON 60 L.
 JAAN KANDIS TÜNNI 40 L VETT. MITU LIITRIT
 VETT ON VEEL VAJA TUUA, ET TÜNN TÄIS
 SAAKS? = L

42 ON ⁴.. KÜMNELIST
².. ÜHELIST

24 ON ².. KÜMNELIST
⁴.. ÜHELIST

32 ON KÜMNELIST
..... ÜHELIST

23 ON KÜMNELIST
..... ÜHELIST

15 ON KÜMNELIST
..... ÜHELIST

51 ON KÜMNELIST
..... ÜHELIST

43 ON KÜMNELIST
..... ÜHELIST

34 ON KÜMNELIST
..... ÜHELIST

52 ON KÜMNELIST
..... ÜHELIST

28 ON KÜMNELIST
..... ÜHELIST

2 KÜMNELIST
3 ÜHELIST

23

6 KÜMNELIST
8 ÜHELIST

4 KÜMNELIST
3 ÜHELIST

7 KÜMNELIST
5 ÜHELIST

7 KÜMNELIST
7 ÜHELIST

9 KÜMNELIST
0 ÜHELIST

5 KÜMNELIST
9 ÜHELIST

3 KÜMNELIST
7 ÜHELIST

8 KÜMNELIST
0 ÜHELIST

8 KÜMNELIST
4 ÜHELIST

6 KÜMNELIST
5 ÜHELIST

2 KÜMNELIST
9 ÜHELIST

4 KÜMNELIST
7 ÜHELIST

4 KÜMNELIST
8 ÜHELIST

6 KÜMNELIST
6 ÜHELIST

3 KÜMNELIST
9 ÜHELIST

6 KÜMNELIST

7 KÜMNELIST

27 ON 2 K. 7 Ü.

$$27 = 20 + 7$$

46 ON K. Ü.

$$46 = + 6$$

56 ON K. Ü.

$$56 = 50 +$$

93 ON K. Ü.

$$93 = + 3$$

38 ON K. Ü.

$$38 = 30 +$$

39 ON K. Ü.

$$39 = + 9$$

75 ON K. Ü.

$$75 = 70 +$$

65 ON K. Ü.

$$65 = + 5$$

96 ON K. Ü.

$$96 = 90 +$$

84 ON K. Ü.

$$84 = + 4$$

88 ON K. Ü.

$$88 = 80 +$$

99 ON K. Ü.

$$99 = + 9$$

74 ON K. Ü.

$$74 = 70 +$$

78 ON K. Ü.

$$78 = + 8$$

KIRJUTA RUUTUDESSE PUUDUVAD ARVUD.

0	1	2							
---	---	---	--	--	--	--	--	--	--

26	27								35
----	----	--	--	--	--	--	--	--	----

38						44			47
----	--	--	--	--	--	----	--	--	----

		47							54
--	--	----	--	--	--	--	--	--	----

58									67
----	--	--	--	--	--	--	--	--	----

	65								73
--	----	--	--	--	--	--	--	--	----

77									86
----	--	--	--	--	--	--	--	--	----

88									97
----	--	--	--	--	--	--	--	--	----

TÄIDA TABEL.

1	2	3		5		7		9	10
11	12		14		16	17	18		20
	22	23		25				29	
31		33			36			39	40
41				45			48		50
	52			55				59	
61					66			69	
71			74						80
	82			85					90
91					96			99	100

26	27	.....	.....	62	61	.....	.....
28	29	.....	.....	79	80	.....	.....
17	18	.....	.....	48	49	.....	.....

17	.....	.....	20	53	.....	55	.....
24	.....	26	.....	11	.....	13	.....
88	.....	.....	91	38	.....	.....	41

10	.....	.....	7	91	90	.....	.....
35	34	33	.....	59	.....	.....	62
72	71	70	.....	100	.....	98	.....

19	.....	.....	22	.....	19	.....	21
31	.....	.....	28	71	.....	.....	68

$$\begin{array}{llll}
 1. \quad 10 + 5 = \dots & 20 + 5 = \dots & 90 + 5 = \dots & 10 + 8 = \dots \\
 25 - 5 = \dots & 34 - 5 = \dots & 73 - 3 = \dots & 95 - 5 = \dots \\
 40 + 6 = \dots & 40 + 7 = \dots & 40 + 9 = \dots & 30 + 3 = \dots \\
 13 - 3 = \dots & 62 - 2 = \dots & 51 - 1 = \dots & 74 - 4 = \dots
 \end{array}$$

$$\begin{array}{llll}
 2. \quad 20 + 7 = \dots & 80 + 5 = \dots & 52 - 2 = \dots & 92 - 2 = \dots \\
 24 - 4 = \dots & 95 - 5 = \dots & 70 + 9 = \dots & 60 + 4 = \dots \\
 30 + 4 = \dots & 60 + 9 = \dots & 27 - 7 = \dots & 66 - 6 = \dots \\
 83 - 3 = \dots & 41 - 1 = \dots & 20 + 9 = \dots & 50 + 7 = \dots
 \end{array}$$

$$\begin{array}{llll}
 3. \quad 37 - 7 = \dots & 60 + 9 = \dots & 34 - 4 = \dots & 80 + 3 = \dots \\
 40 + 3 = \dots & 54 - 4 = \dots & 70 + 5 = \dots & 93 - 3 = \dots \\
 98 - 8 = \dots & 40 + 8 = \dots & 42 - 2 = \dots & 50 + 4 = \dots \\
 80 + 5 = \dots & 92 - 2 = \dots & 70 + 1 = \dots & 25 - 5 = \dots
 \end{array}$$

$$\begin{array}{llll}
 4. \quad 64 - 4 = \dots & 64 - 60 = \dots & 10 + 8 = \dots & 60 + 4 = \dots \\
 73 - 3 = \dots & 73 - 70 = \dots & 1 + 80 = \dots & 20 + 1 = \dots \\
 82 - 2 = \dots & 82 - 80 = \dots & 20 + 7 = \dots & 90 + 5 = \dots \\
 91 - 1 = \dots & 91 - 90 = \dots & 2 + 70 = \dots & 70 + 7 = \dots
 \end{array}$$

5. JAAN VISKAS PALLI 35 M KAUGUSELE. TA VISKAS 5 M KAUGEMALE KUI JÜRI. KUI KAUGELE VISKAS JÜRI PALLI?

..... = M

1.

$28 + 1 = \dots \quad 14 + 3 = \dots \quad 61 + 4 = \dots \quad 57 + 2 = \dots$

$36 + 3 = \dots \quad 24 + 4 = \dots \quad 82 + 2 = \dots \quad 82 + 4 = \dots$

$42 + 4 = \dots \quad 63 + 2 = \dots \quad 74 + 3 = \dots \quad 74 + 3 = \dots$

$18 + 1 = \dots \quad 46 + 2 = \dots \quad 56 + 1 = \dots \quad 56 + 2 = \dots$

2.

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

$11 + 3 = \dots \quad 12 + 6 = \dots \quad 14 + 5 = \dots \quad 12 + 7 = \dots$

$21 + 3 = \dots \quad 22 + 6 = \dots \quad 24 + 5 = \dots \quad 22 + 7 = \dots$

$31 + 3 = \dots \quad 32 + 6 = \dots \quad 34 + 5 = \dots \quad 32 + 7 = \dots$

3.

$24 + 5 = \dots \quad 72 + 6 = \dots \quad 83 + 5 = \dots \quad 11 + 7 = \dots$

$43 + 6 = \dots \quad 31 + 8 = \dots \quad 35 + 3 = \dots \quad 33 + 5 = \dots$

$51 + 8 = \dots \quad 13 + 6 = \dots \quad 62 + 5 = \dots \quad 41 + 6 = \dots$

$32 + 7 = \dots \quad 42 + 5 = \dots \quad 71 + 8 = \dots \quad 73 + 6 = \dots$

4.

$61 + \dots = 65 \quad 92 + \dots = 99 \quad 78 = 71 + \dots$

$24 + \dots = 29 \quad 83 + \dots = 88 \quad 95 = 92 + \dots$

$42 + \dots = 48 \quad 31 + \dots = 39 \quad 58 = 52 + \dots$

$33 + \dots = 39 \quad 62 + \dots = 68 \quad 89 = 83 + \dots$

1.

$$\begin{array}{lll} 25 + 3 + 1 = \dots & 72 + 2 + 3 = \dots & 13 + 2 + 3 = \dots \\ 32 + 2 + 2 = \dots & 53 + 3 + 3 = \dots & 26 + 2 + 1 = \dots \\ 44 + 4 + 1 = \dots & 65 + 3 + 1 = \dots & 42 + 4 + 3 = \dots \\ 64 + 2 + 3 = \dots & 52 + 3 + 2 = \dots & 34 + 4 + 1 = \dots \end{array}$$

2.

$$\begin{array}{llll} 42 + 7 = \dots & 83 + 6 = \dots & 15 + 4 = \dots & 73 + 6 = \dots \\ 53 + 5 = \dots & 72 + 7 = \dots & 32 + 6 = \dots & 51 + 8 = \dots \\ 30 + 9 = \dots & 45 + 4 = \dots & 64 + 5 = \dots & 42 + 7 = \dots \\ 61 + 8 = \dots & 91 + 7 = \dots & 81 + 7 = \dots & 91 + 8 = \dots \end{array}$$

3. 56 + 2 LEIDMISEKS MÕTLE NII:

$$6 + 2 = 8, \text{ SEEGA } 56 + 2 = \dots$$

4. 84 + 3 LEIDMISEKS MÕTLE NII:

$$4 + 3 = 7, \text{ SEEGA } 84 + 3 = \dots$$

5. 75 + 4 LEIDMISEKS MÕTLE NII:

$$5 + 4 = 9, \text{ SEEGA } 75 + 4 = \dots$$

6. 92 + 5 LEIDMISEKS MÕTLE NII:

$$2 + 5 = 7, \text{ SEEGA } 92 + 5 = \dots$$

$$\begin{array}{llll}
 1. \ 66 - 4 = \dots & 92 - 1 = \dots & 48 - 4 = \dots & 38 - 4 = \dots \\
 85 - 2 = \dots & 78 - 2 = \dots & 45 - 3 = \dots & 58 - 2 = \dots \\
 39 - 3 = \dots & 24 - 2 = \dots & 79 - 4 = \dots & 88 - 5 = \dots \\
 73 - 2 = \dots & 93 - 1 = \dots & 64 - 3 = \dots & 37 - 3 = \dots
 \end{array}$$

$$\begin{array}{llll}
 2. \ 59 - 6 = \dots & 25 - 4 = \dots & 39 - 8 = \dots & 98 - 7 = \dots \\
 22 - 1 = \dots & 84 - 3 = \dots & 43 - 2 = \dots & 89 - 8 = \dots \\
 94 - 3 = \dots & 55 - 4 = \dots & 66 - 4 = \dots & 76 - 5 = \dots \\
 67 - 5 = \dots & 76 - 5 = \dots & 35 - 3 = \dots & 65 - 4 = \dots
 \end{array}$$

$$\begin{array}{llll}
 3. \ 27 - 5 = \dots & 78 - 6 = \dots & 68 - 7 = \dots & 57 - 6 = \dots \\
 38 - 6 = \dots & 99 - 8 = \dots & 89 - 8 = \dots & 39 - 8 = \dots \\
 88 - 5 = \dots & 39 - 6 = \dots & 59 - 8 = \dots & 78 - 7 = \dots \\
 67 - 6 = \dots & 39 - 7 = \dots & 86 - 4 = \dots & 59 - 8 = \dots
 \end{array}$$

$$\begin{array}{lll}
 4. \ 63 - \dots = 61 & 49 - \dots = 42 & 71 = 79 - \dots \\
 45 - \dots = 42 & 89 - \dots = 85 & 62 = 68 - \dots \\
 77 - \dots = 71 & 58 - \dots = 51 & 83 = 89 - \dots \\
 69 - \dots = 63 & 69 - \dots = 62 & 51 = 57 - \dots
 \end{array}$$

5. VIIU RAAMATUS ON 28 LEHEKÜLGE. VIIUL ON LOETUD 5 LEHEKÜLGE. MITU LEHEKÜLGE JÄÄB TAL VEEL LUGEDA?

..... = LEHEKÜLGE.

1. $35 = 31 + \dots$	$89 = 81 + \dots$	$48 = 45 + \dots$
$22 = 20 + \dots$	$58 = 55 + \dots$	$67 = 65 + \dots$
$44 = 42 + \dots$	$73 = 71 + \dots$	$26 = 26 + \dots$
$18 = 15 + \dots$	$96 = 92 + \dots$	$36 = 31 + \dots$

2. $36 + \dots = 39$	$71 + \dots = 75$	$92 + \dots = 95$
$82 + \dots = 89$	$84 + \dots = 87$	$37 + \dots = 39$
$53 + \dots = 55$	$64 + \dots = 69$	$64 + \dots = 68$
$74 + \dots = 78$	$32 + \dots = 38$	$45 + \dots = 46$

3. $17 - \dots = 12$	$39 - \dots = 32$	$88 - \dots = 82$
$39 - \dots = 33$	$89 - \dots = 86$	$97 - \dots = 91$
$56 - \dots = 51$	$68 - \dots = 61$	$66 - \dots = 61$
$28 - \dots = 22$	$99 - \dots = 95$	$46 - \dots = 45$

4. $44 = 41 + \dots$	$61 = 69 - \dots$	$72 = 78 - \dots$
$56 = 52 + \dots$	$65 = 68 - \dots$	$34 = 39 - \dots$
$79 = 73 + \dots$	$13 = 19 - \dots$	$84 = 89 - \dots$
$67 = 61 + \dots$	$82 = 88 - \dots$	$53 = 58 - \dots$

1. $45 + 2 = \dots$	$64 + 5 = \dots$	$55 + 4 = \dots$
$98 - 7 = \dots$	$98 - 6 = \dots$	$95 - 4 = \dots$
$74 + 3 = \dots$	$23 + 6 = \dots$	$43 + 6 = \dots$
$36 - 3 = \dots$	$59 - 5 = \dots$	$70 - 4 = \dots$

2. LAHENDA VÕRRATUSED.

$33 + a < 36 \quad a = \dots$

$46 + a < 48 \quad a = \dots$

$82 + a < 85 \quad a = \dots$

3. VÕRDLE JA PÕHJENDA.

$67 \dots 63 \quad 67 = 63 + \dots \quad 67 - \dots = 63$

$89 \dots 84 \quad \dots$

$46 \dots 41 \quad \dots$

$75 \dots 72 \quad \dots$

4. KOOLIL ON 72 NOORT JA 4 VANA KÜÜLIKUT.
MITU KÜÜLIKUT ON KOKKU?

$\dots = \dots$ KÜÜLIKUT.

5. KERSTIL ON 36 KÜÜLIKUT. NEIST 5 ON
VALGED, TEISED KÕIK MUSTAD. MITU MUSTA
KÜÜLIKUT ON KERSTIL?

$\dots = \dots$ MUSTA KÜÜLIKUT.

$$\begin{array}{lll}
 1. & 71 + 2 = \dots\dots & 65 - 2 = \dots\dots & 34 + 2 = \dots\dots \\
 & 43 - 2 = \dots\dots & 2 + 73 = \dots\dots & 66 - 2 = \dots\dots \\
 & 2 + 71 = \dots\dots & 82 + 2 = \dots\dots & 2 + 34 = \dots\dots \\
 & 43 + 2 = \dots\dots & 2 + 82 = \dots\dots & 75 - 2 = \dots\dots
 \end{array}$$

$$\begin{array}{lll}
 2. & 97 - 3 = \dots\dots & 2 + 62 = \dots\dots & 57 - 2 = \dots\dots \\
 & 3 + 65 = \dots\dots & 44 + 5 = \dots\dots & 2 + 71 = \dots\dots \\
 & 65 + 3 = \dots\dots & 23 + 2 = \dots\dots & 33 + 2 = \dots\dots \\
 & 2 + 37 = \dots\dots & 2 + 42 = \dots\dots & 2 + 33 = \dots\dots
 \end{array}$$

$$\begin{array}{llll}
 3. & a + 3 = 37 & a = \dots\dots & a + 2 = 77 & a = \dots\dots \\
 & a + 1 = 96 & a = \dots\dots & a + 3 = 68 & a = \dots\dots \\
 & a + 4 = 85 & a = \dots\dots & a + 4 = 55 & a = \dots\dots \\
 & a + 3 = 94 & a = \dots\dots & a + 2 = 73 & a = \dots\dots
 \end{array}$$

4. PANE ÕIGE MÄRK (>, <, =).

$$\begin{array}{ll}
 94 + 3 \dots\dots 94 + 5 & 58 - 7 \dots\dots 48 - 7 \\
 87 + 2 \dots\dots 87 + 3 & 47 - 6 \dots\dots 47 - 5 \\
 32 + 5 \dots\dots 32 + 6 & 36 - 4 \dots\dots 36 - 6
 \end{array}$$

1. LEIA PUUDUVAD ARVUD.

$$12 + a < 15 \quad a = \dots\dots\dots$$

$$12 + a = 15 \quad a = \dots\dots\dots$$

$$12 + a > 15 \quad a = \dots\dots\dots$$

2. $54 + c < 57 \quad c = \dots\dots\dots$

$$54 + c = 57 \quad c = \dots\dots\dots$$

$$54 + c > 57 \quad c = \dots\dots\dots$$

3. $13 + a = 19 \quad a = \dots \quad 45 + n = 49 \quad n = \dots$

$$28 + a = 29 \quad a = \dots \quad 66 + n = 68 \quad n = \dots$$

$$37 + a = 38 \quad a = \dots \quad 89 + n = 89 \quad n = \dots$$

$$94 + a = 96 \quad a = \dots \quad 32 + n = 38 \quad n = \dots$$

4. $48 - p = 41 \quad p = \dots \quad 18 - s = 11 \quad s = \dots$

$$57 - p = 52 \quad p = \dots \quad 84 - s = 81 \quad s = \dots$$

$$16 - p = 16 \quad p = \dots \quad 15 - s = 12 \quad s = \dots$$

$$69 - p = 65 \quad p = \dots \quad 57 - s = 53 \quad s = \dots$$

5. LAHUTA ARVUST 87 ARVUDE 2 JA 3 SUMMA.

1) 2)

6. LIIDA ARVUGA 51 ARVUDE 9 JA 4 VAHE.

1) 2)

1.

$$24 + a = 29 \quad a = \dots\dots\dots$$

$$91 + a = 99 \quad a = \dots\dots\dots$$

$$17 - 3 = a \quad a = \dots\dots\dots$$

2.

$$25 + a < 27 \quad a = \dots\dots\dots$$

$$15 + a < 18 \quad a = \dots\dots\dots$$

$$42 + a < 49 \quad a = \dots\dots\dots$$

3.

$$55 + 3 > a \quad a = \dots\dots\dots$$

$$55 + 3 = a \quad a = \dots\dots\dots$$

$$55 + 3 < a \quad a = \dots\dots\dots$$

4.

$$a + 4 = 27 \quad a = \dots \quad 3 + 56 = a \quad a = \dots$$

$$35 + 2 = a \quad a = \dots \quad 98 - 5 = a \quad a = \dots$$

$$a + 7 = 99 \quad a = \dots \quad 36 + a = 39 \quad a = \dots$$

5.

$$22 + 3 - 4 = \dots\dots$$

$$58 - 4 + 3 = \dots\dots$$

$$44 + 2 - 3 = \dots\dots$$

$$87 - 3 + 4 = \dots\dots$$

$$36 + 1 - 4 = \dots\dots$$

$$79 - 3 + 2 = \dots\dots$$

$$65 + 3 - 1 = \dots\dots$$

$$45 - 2 + 3 = \dots\dots$$

1. LEIA a VÄÄRTUSED.

$37 < a < 39$	$a = \dots$	$25 < a < 28$	$a = \dots$
$56 < a < 58$	$a = \dots$	$74 < a < 77$	$a = \dots$
$77 < a < 79$	$a = \dots$	$83 < a < 86$	$a = \dots$
$80 < a < 82$	$a = \dots$	$94 < a < 97$	$a = \dots$

PANE ÕIGE MÄRK (+, -).

2. $14 \dots 2 = 16$	$13 \dots 4 \dots 2 = 19$
$25 \dots 3 = 28$	$39 \dots 4 \dots 4 = 31$
$36 \dots 5 = 31$	$24 \dots 2 \dots 2 = 28$
$48 \dots 8 = 40$	$48 \dots 5 \dots 2 = 45$

3. $42 \dots 7 = 49$	$100 \dots 8 \dots 2 = 94$
$68 \dots 6 = 62$	$63 \dots 5 \dots 1 = 67$
$57 \dots 2 = 59$	$75 \dots 5 \dots 6 = 74$
$63 \dots 3 = 60$	$82 \dots 7 \dots 6 = 83$

4. $35 + 4 = \dots$	$99 - 6 = \dots$	$27 - 6 = \dots$
$61 + 7 = \dots$	$22 + 5 = \dots$	$5 + 11 = \dots$
$6 + 13 = \dots$	$14 + 6 = \dots$	$98 - 4 = \dots$
$19 - 6 = \dots$	$6 + 14 = \dots$	$69 - 8 = \dots$

1. $28 + 2 = \dots$	$33 + 7 = \dots$	$91 + 9 = \dots$
$79 + 1 = \dots$	$28 + 2 = \dots$	$19 + 1 = \dots$
$51 + 9 = \dots$	$93 + 7 = \dots$	$84 + 6 = \dots$
$38 + 2 = \dots$	$69 + 1 = \dots$	$47 + 3 = \dots$

2. $23 + \dots = 30$	$58 + \dots = 60$	$\dots + 3 = 100$
$17 + \dots = 20$	$61 + \dots = 70$	$\dots + 7 = 100$
$56 + \dots = 60$	$79 + \dots = 80$	$\dots + 8 = 100$
$15 + \dots = 20$	$80 + \dots = 90$	$\dots + 9 = 100$

3. $70 - 1 = \dots$	$60 - 3 = \dots$	$50 - 8 = \dots$
$50 - 7 = \dots$	$30 - 9 = \dots$	$70 - 9 = \dots$
$60 - 5 = \dots$	$40 - 7 = \dots$	$60 - 5 = \dots$
$40 - 8 = \dots$	$30 - 9 = \dots$	$40 - 3 = \dots$

4. $41 + 9 = \dots$	$54 + 6 = \dots$	$76 + 4 = \dots$
$50 - 8 = \dots$	$40 - 9 = \dots$	$60 - 9 = \dots$
$97 + 3 = \dots$	$55 + 5 = \dots$	$61 + 9 = \dots$
$60 - 7 = \dots$	$30 - 8 = \dots$	$80 - 7 = \dots$

1.

$96 + 4 = \dots$	$35 + 5 = \dots$	$8 + 92 = \dots$
$40 - 8 = \dots$	$90 - 8 = \dots$	$6 + 94 = \dots$
$72 + 8 = \dots$	$48 + 2 = \dots$	$4 + 86 = \dots$
$40 - 7 = \dots$	$70 - 6 = \dots$	$7 + 63 = \dots$

2.

$90 - \dots = 88$	$80 - \dots = 77$	$70 - \dots = 65$
$90 - \dots = 85$	$80 - \dots = 78$	$70 - \dots = 61$
$90 - \dots = 83$	$80 - \dots = 72$	$70 - \dots = 66$
$90 - \dots = 81$	$80 - \dots = 79$	$70 - \dots = 62$

3.

$57 + 2 = \dots$	$43 + \dots = 47$	$\dots + 7 = 89$
$63 + 5 = \dots$	$81 + \dots = 89$	$\dots + 3 = 27$
$49 - 6 = \dots$	$26 + \dots = 28$	$\dots + 1 = 99$
$78 - 7 = \dots$	$12 + \dots = 17$	$\dots + 6 = 96$

4.

$36 - \dots = 34$	$\dots - 3 = 32$	$77 - \dots = 71$
$58 - \dots = 53$	$\dots - 5 = 44$	$\dots - 3 = 65$
$46 - \dots = 42$	$\dots - 6 = 71$	$85 - \dots = 82$
$38 - \dots = 35$	$\dots - 7 = 63$	$\dots + 3 = 97$

1. $12 + a < 16$ $a = \dots\dots\dots$
 $15 + b < 20$ $b = \dots\dots\dots$
 $43 + c < 45$ $c = \dots\dots\dots$
 $51 + d < 59$ $d = \dots\dots\dots$

2. $8 - d > 4$ $d = \dots\dots\dots$
 $35 - d > 31$ $d = \dots\dots\dots$
 $89 - d > 83$ $d = \dots\dots\dots$
 $57 - d > 55$ $d = \dots\dots\dots$

3. $43 + a < 45$ $a = \dots\dots\dots$
 $90 + b > 92$ $b = \dots\dots\dots$
 $58 + a < 60$ $a = \dots\dots\dots$
 $72 + b > 75$ $b = \dots\dots\dots$

4. LIIDA ARVUD 52 JA 7. SUMMAST LAHUTA 5.

• • • • •

7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9

5. LAHUTA ARVUST 78 ARV 6. VAHEGA LIIDA 4.

.....

.....

6. LIIDA 12 JA 5 SUMMAGA 2.

.....

.....

1. $36 + 3 - 7 = \dots$ $48 + 2 - 8 = \dots$

$24 + 5 - 8 = \dots$ $91 + 8 - 6 = \dots$

$77 + 1 - 6 = \dots$ $63 + 5 - 7 = \dots$

$59 + 1 - 7 = \dots$ $45 + 5 - 9 = \dots$

2. $24 + 5 - 6 = \dots$ $63 - 1 + 6 = \dots$

$36 - 3 + 6 = \dots$ $74 - 3 + 8 = \dots$

$47 - 4 + 5 = \dots$ $35 - 3 + 1 = \dots$

$55 - 2 + 7 = \dots$ $47 + 2 - 4 = \dots$

3. $63 + 4 + 2 = \dots$ $77 - 4 + 3 = \dots$

$46 - 3 - 3 = \dots$ $80 - 2 - 2 = \dots$

$52 - 1 + 4 = \dots$ $64 - 2 + 3 = \dots$

$46 + 3 - 2 = \dots$ $88 + 1 + 1 = \dots$

4. $53 + 6 - 7 = \dots$ $38 - 7 + 6 = \dots$

$60 - 4 - 5 = \dots$ $60 - 5 - 5 = \dots$

$89 - 7 + 6 = \dots$ $52 + 7 - 6 = \dots$

$51 + 8 - 7 = \dots$ $44 + 4 + 2 = \dots$

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

2.	$14 - 6 = \dots$	$11 - 9 = \dots$	$14 - 6 = \dots$
	$14 - 8 = \dots$	$15 - 9 = \dots$	$15 - 6 = \dots$
	$16 - 7 = \dots$	$17 - 8 = \dots$	$11 - 5 = \dots$
	$18 - 9 = \dots$	$12 - 6 = \dots$	$13 - 5 = \dots$

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

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

$$\begin{array}{ll}
 1. \quad 42 + a = 45 & a = \dots\dots + 22 + a = 30 \quad a = \dots\dots \\
 \quad 21 + a = 27 & a = \dots\dots + 12 + a = 18 \quad a = \dots\dots \\
 \quad 14 + a = 19 & a = \dots\dots + 11 + a = 20 \quad a = \dots\dots \\
 \quad 43 + a = 49 & a = \dots\dots + 53 + a = 59 \quad a = \dots\dots
 \end{array}$$

$$\begin{array}{ll}
 2. \quad 82 + a = 89 & a = \dots\dots - 34 + a = 38 \quad a = \dots\dots \\
 \quad 62 + a = 67 & a = \dots\dots - 63 + a = 69 \quad a = \dots\dots \\
 \quad 91 + a = 100 & a = \dots\dots - 23 + a = 27 \quad a = \dots\dots \\
 \quad 73 + a = 80 & a = \dots\dots - 41 + a = 48 \quad a = \dots\dots
 \end{array}$$

$$\begin{array}{ll}
 3. \quad 37 - a = 33 & a = \dots\dots - 39 - a = 37 \quad a = \dots\dots \\
 \quad 57 - a = 52 & a = \dots\dots - 68 - a = 62 \quad a = \dots\dots \\
 \quad 86 - a = 80 & a = \dots\dots - 39 - a = 31 \quad a = \dots\dots \\
 \quad 67 - a = 63 & a = \dots\dots - 98 - a = 90 \quad a = \dots\dots
 \end{array}$$

$$\begin{array}{ll}
 4. \quad 49 - a = 42 & a = \dots\dots - 79 - a = 71 \quad a = \dots\dots \\
 \quad 36 - a = 31 & a = \dots\dots - 47 - a = 44 \quad a = \dots\dots \\
 \quad 87 - a = 84 & a = \dots\dots - 27 - a = 23 \quad a = \dots\dots \\
 \quad 26 - a = 23 & a = \dots\dots - 58 - a = 51 \quad a = \dots\dots
 \end{array}$$

..... KUU

..... AASTA

ESMAS- PÄEV	TEISI- PÄEV	KOLMA- PÄEV	NELJA- PÄEV	REEDE	LAU- PÄEV	PÜHA- PÄEV

..... KUU

..... AASTA

ESMAS- PÄEV	TEISI- PÄEV	KOLMA- PÄEV	NELJA- PÄEV	REEDE	LAU- PÄEV	PÜHA- PÄEV

1.	$95 + 3 + 1 = \dots$	$22 + 3 + 3 = \dots$
	$83 + 4 + 2 = \dots$	$56 + 1 + 3 = \dots$
	$34 + 2 + 3 = \dots$	$34 + 4 + 4 = \dots$
	$41 + 4 + 4 = \dots$	$86 + 1 + 2 = \dots$

2.	$42 + 1 + 6 = \dots$	$35 + 4 + 1 = \dots$
	$81 + 3 + 5 = \dots$	$21 + 5 + 3 = \dots$
	$24 + 5 + 1 = \dots$	$82 + 3 + 4 = \dots$
	$51 + 1 + 5 = \dots$	$91 + 4 + 5 = \dots$

3.	$89 - 4 - 3 = \dots$	$87 - 3 - 2 = \dots$
	$75 - 1 - 2 = \dots$	$64 - 2 - 1 = \dots$
	$94 - 2 - 2 = \dots$	$76 - 3 - 2 = \dots$
	$99 - 4 - 4 = \dots$	$45 - 2 - 3 = \dots$

4.	$29 - 3 - 3 = \dots$	$89 - 5 + 6 = \dots$
	$97 - 2 - 2 = \dots$	$64 + 5 - 7 = \dots$
	$89 - 2 - 5 = \dots$	$94 + 2 - 3 = \dots$
	$58 - 1 - 4 = \dots$	$91 + 8 - 9 = \dots$

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

$$\begin{array}{lll}
 2. & 15 - 8 = \dots & 15 - 9 = \dots & 17 - 9 = \dots \\
 & 16 - 9 = \dots & 14 - 7 = \dots & 13 - 5 = \dots \\
 & 12 - 4 = \dots & 11 - 2 = \dots & 12 - 8 = \dots \\
 & 12 - 3 = \dots & 14 - 8 = \dots & 14 - 6 = \dots
 \end{array}$$

$$\begin{array}{lll}
 3. & 50 + 20 = \dots & 70 + 20 = \dots & 60 + 30 = \dots \\
 & 40 + 40 = \dots & 40 + 50 = \dots & 10 + 50 = \dots \\
 & 20 + 60 = \dots & 10 + 30 = \dots & 30 + 60 = \dots \\
 & 50 + 40 = \dots & 30 + 50 = \dots & 50 + 30 = \dots
 \end{array}$$

4. KIRJUTA ÕIGE MÄRK (>, <, =).

$$89 \dots 90$$

$$18 \dots 81$$

$$65 \dots 56$$

5. KIRJUTA PUUDUVAD ARVUD.

$$7 + a < 11$$

$$a = \dots$$

$$5 + a > 14$$

$$a = \dots$$

6. ARVUTA.

$$15 + 0 = \dots$$

$$18 - 0 = \dots$$

$$0 + 17 = \dots$$

$$9 - 9 = \dots$$

1. $9 + 7 + 4 = \dots$ $9 + 5 + 4 = \dots$
 $9 + 2 + 2 = \dots$ $8 + 6 + 2 = \dots$
 $8 + 9 + 2 = \dots$ $6 + 5 + 4 = \dots$
 $7 + 3 + 2 = \dots$ $7 + 6 + 4 = \dots$
2. $16 - 4 - 6 = \dots$ $16 - 3 - 6 = \dots$
 $11 - 8 - 2 = \dots$ $17 - 2 - 6 = \dots$
 $13 - 5 - 4 = \dots$ $15 - 9 - 3 = \dots$
 $20 - 7 - 4 = \dots$ $20 - 6 - 7 = \dots$
3. $45 + 2 = \dots$ $64 + 5 = \dots$ $6 + 23 = \dots$
 $74 + 3 = \dots$ $64 + 4 = \dots$ $4 + 55 = \dots$
 $93 + 6 = \dots$ $43 + 2 = \dots$ $7 + 43 = \dots$
 $32 + 8 = \dots$ $76 + 3 = \dots$ $4 + 83 = \dots$
4. LEIA ARVUDE 42 JA 7 SUMMA.....
5. LEIA ARVUDE 58 JA 6 VAHE.
6. LEIA ARV, MIS ON 30 VÕRRA VÄIKSEM 70-ST.
.....
7. LEIA ARV, MIS ON 40 VÕRRA SUUREM 50-ST.
.....

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

$4 + 4 + 8 = \dots$
 $7 + 2 + 9 = \dots$
 $5 + 2 + 5 = \dots$
 $4 + 5 + 4 = \dots$

2. $16 - 7 - 4 = \dots$
 $15 - 9 - 2 = \dots$
 $14 - 6 - 2 = \dots$
 $20 - 8 - 8 = \dots$

$16 - 3 - 5 = \dots$
 $14 - 2 - 3 = \dots$
 $12 - 4 - 6 = \dots$
 $14 - 8 - 5 = \dots$

3. $98 - 7 = \dots$ $98 - 6 = \dots$ $68 - 2 = \dots$
 $36 - 3 = \dots$ $59 - 5 = \dots$ $78 - 7 = \dots$
 $60 - 8 = \dots$ $95 - 4 = \dots$ $36 - 4 = \dots$
 $87 - 4 = \dots$ $70 - 3 = \dots$ $79 - 4 = \dots$

4. LIIDA 7 JA 6 SUMMAGA 5.

5. LAHUTA 18 JA 5 VAHEST 6.

6. JOONESTA SIIA 2 SIRGLÕIKU: 6 CM JA 8 CM.

$$1. \quad \begin{array}{ll} 15 - 7 - 2 = & 11 - 5 - 2 = \\ 18 - 7 - 3 = & 15 - 7 - 2 = \\ 19 - 6 - 9 = & 20 - 4 - 4 = \\ 19 - 5 - 2 = & 17 - 8 - 2 = \end{array}$$

$$2. \quad \begin{array}{ll} 18 - 7 - 6 = & 19 - 5 - 6 = \\ 17 - 3 - 5 = & 17 - 8 - 8 = \\ 20 - 9 - 8 = & 19 - 6 - 8 = \\ 15 - 7 - 3 = & 17 - 6 - 2 = \end{array}$$

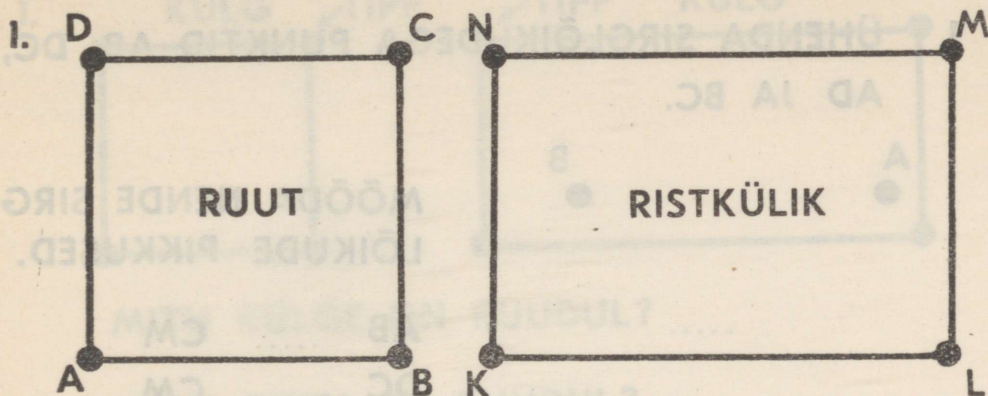
$$3. \quad \begin{array}{lll} 93 + 3 = & 3 + 24 = & 92 + 4 = \\ 25 + 4 = & 6 + 83 = & 83 + 5 = \\ 32 + 5 = & 5 + 65 = & 52 + 7 = \\ 74 + 6 = & 2 + 54 = & 63 + 6 = \end{array}$$

4. JAAN VISKAS PALLI 40 M KAUGUSELE.
TA VISKAS TÖNUST 10 M KAUGEMALE.
KUI KAUGELE VISKAS PALLI TÖNU?

$$..... =$$

5. TRAMMIS OLII 27 REISIJAT. JÄRGMISES PEATUSES VÄLJUS 6 INIMEST JA PEALE TULI 7 INIMEST. MITU INIMEST ON NÜÜD TRAMMIS?

$$..... =$$



MÕÕDA SIRGLÕIKUDE PIKKUSED.

AB CM

DC CM

AD CM

BC CM

KL CM

MN CM

KN CM

LM CM

2. O

P

**ÜHENDA SIRGLÕIKUDE
ABIL PUNKTID OP, RS,
OR, PS. MÕÕDA NENDE
SIRGLÕIKUDE PIKKUSED.**

R

S

**ON SEE RUUT VÕI
RISTKÜLIK?**

OP CM

RS CM

OR CM

PS CM

1. ÜHENDA SIRGLÕIKUDEGA PUNKTID AB, DC, AD JA BC.

A

B

MÕÕDA NENDE SIRGLÕIKUDE PIKKUSED.

AB CM

DC CM

AD CM

BC CM

D

C

ON SEE RUUT VÕI RISTKÜLIK?

2. MILLISED KUJUNDID NEED ON?

A

D E

H

B

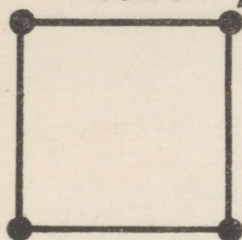
C F

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A B C D ON

E F G H ON

1. KÜLG TIPP



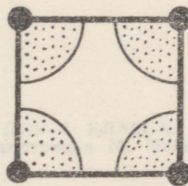
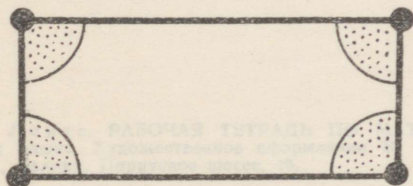
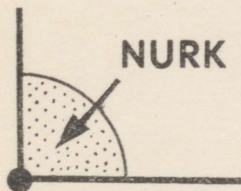
MITU KÜLGE ON RUUDUL?

MITU TIPPU ON RUUDUL?

MITU KÜLGE ON RISTKÜLIKUL?

MITU TIPPU ON RISTKÜLIKUL?

2. NURK



MITU NURKA ON RUUDUL?

MITU NURKA ON RISTKÜLIKUL?

Альфред Линтс. РАБОЧАЯ ТЕТРАДЬ ПО МАТЕМАТИКЕ ДЛЯ I КЛАССА. 3. тетрадь. На эстонском языке. Художественное оформление В. Коткас. Иллюстрации М. Нийн. Издательство «Валгус», Таллин, Пярнуское шоссе, 10.

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