

MATSKU 4

KYMMENYLITYS

Tanja Manner-Raappana

Nina Ågren

MATSKU 4



Tämän kirjan omistaa:

Sisällysluettelo

KYMMEN TÄYTTYY JA VÄHENEÄ

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Tuottaja: Salla Peltola

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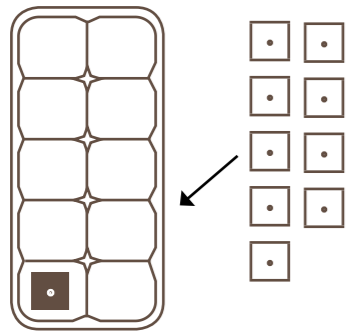
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Tämä teos on oppikirja. Teos on suojattu tekijänoikeuslailla (404/61). Teoksen valokopioiminen on kielletty, ellei valokopiointiin ole hankittu lupaa. Tarkista, onko oppilaitoksellanne voimassaoleva valokopiointilupa. Lisätietoja luvista ja niiden sisällöstä antaa Kopiosto ry www.kopiosto.fi. Teoksen tai sen osan digitaalinen kopioiminen tai muuntelu on ehdottomasti kielletty.

1. Kymmenkori (9 ja 1)

Kym-men-ko-ris-sa on 1 ja 9.

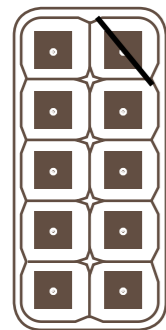
1. Ra-ken-na. Mer-kit-se ja las-ke.



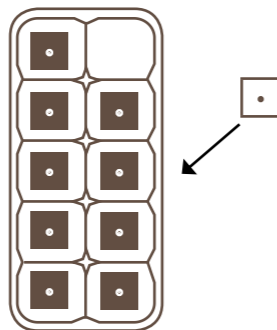
$$\begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$



$$\begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array} - \begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$



$$\begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array} - \begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$



$$\begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

2. Ra-ken-na. Mer-kit-se ja las-ke.



$$\begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

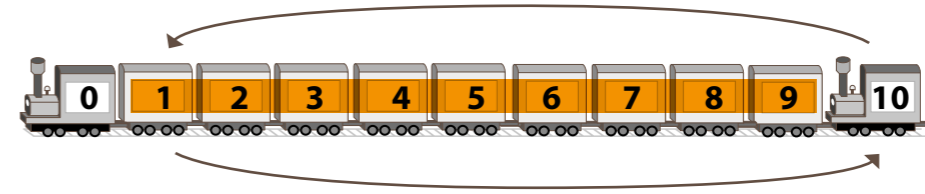
$$\begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array} - \begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$



$$\begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

$$\begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array} - \begin{array}{|c|} \hline \\ \hline \text{Y} \\ \hline \end{array} = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

3. Las-ke lu-ku-ju-nal-la.



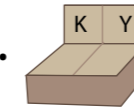
$$1 + 9 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

$$9 + 1 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

$$10 - 9 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

$$10 - 1 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

4. Las-ke ti-kuil-la.



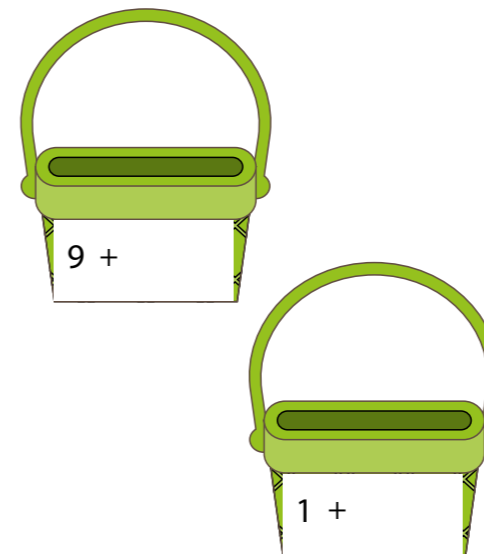
$$9 + 1 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

$$1 + 9 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

$$10 - 1 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

$$10 - 9 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

1. Täy-den-nä.



2. Las-ke.

$$1 + 9 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

$$10 - 1 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

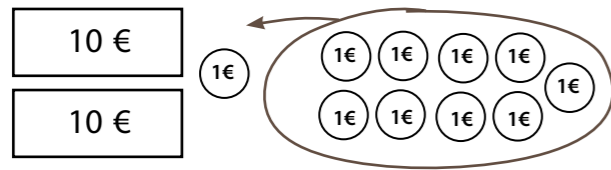
$$10 - 9 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

$$9 + 1 = \begin{array}{|c|c|} \hline \\ \hline \text{K} \text{ Y} \\ \hline \end{array}$$

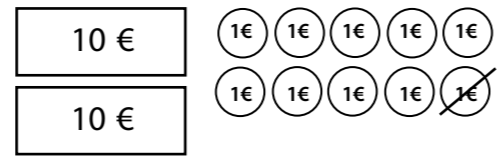


1. Kymmenkori (9 ja 1)

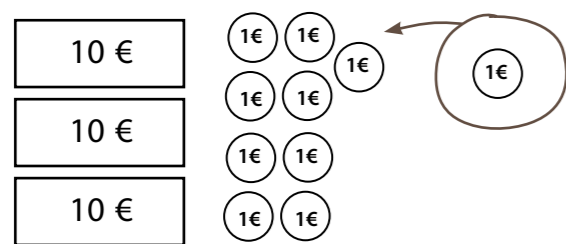
1. Las-ke ra-hoil-la.



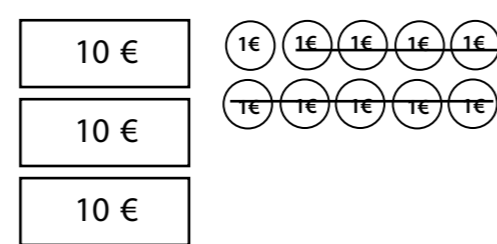
$$\begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} \text{ €} + \begin{array}{|c|} \hline Y \\ \hline \end{array} \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} \text{ €}$$



$$\begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} \text{ €} - \begin{array}{|c|} \hline Y \\ \hline \end{array} \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} \text{ €}$$

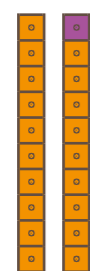


$$\begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} \text{ €} + \begin{array}{|c|} \hline Y \\ \hline \end{array} \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} \text{ €}$$



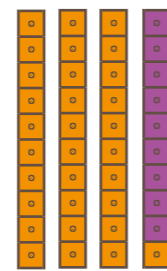
$$\begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} \text{ €} - \begin{array}{|c|} \hline Y \\ \hline \end{array} \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} \text{ €}$$

2. Ra-ken-na ja las-ke.



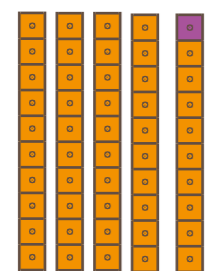
$$19 + 1 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$20 - 1 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$



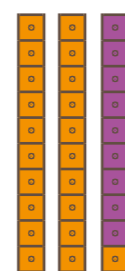
$$31 + 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$40 - 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$



$$49 + 1 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$50 - 1 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$



$$21 + 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$30 - 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

3. Las-ke lu-ku-ju-nal-la.

$$40 - 1 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$31 + 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$20 - 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$49 + 1 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

4. Las-ke 10-pa-li-koil-la a-lus-tal-la.

$$29 + 1 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

Kym-men täyt-tyy ja vä-he-nee.



$$40 - 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$50 - 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$11 + 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

1. Las-ke.

$$41 + 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$40 - 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$30 - 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$30 - 1 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$39 + 1 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$21 + 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$



1. Kymmenkori (9 ja 1)

1. Laske rahoilla.

$11 \text{ €} + 19 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$40 \text{ €} - 29 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

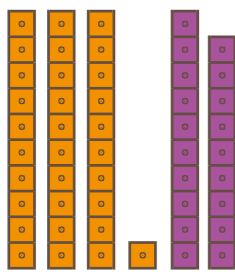
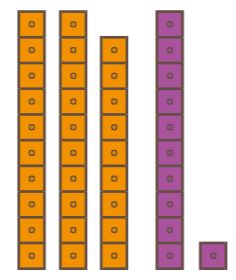
$30 \text{ €} - 21 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$39 \text{ €} + 11 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$31 \text{ €} + 19 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

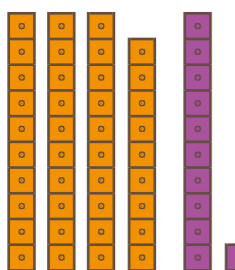
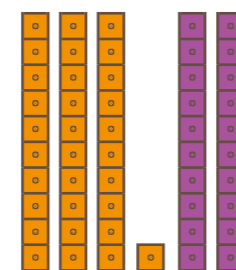
$29 \text{ €} + 21 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

2. Rakenna ja laske.


 $31 + 19 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

 $29 + 11 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$50 - 31 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$40 - 11 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$


 $39 + 11 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

 $31 + 29 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$50 - 39 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$60 - 29 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

3. Laske lukujunalla.

$29 + 21 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$40 - 19 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$21 + 19 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$50 - 21 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

4. Laske 10-palikoilla alustalla.

$30 - 11 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

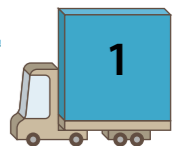
Kymmenestä toinen osa on 9 ja toinen 1.



$40 - 21 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$19 + 11 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$19 + 31 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$



1. Laske.

$11 + 39 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$30 - 11 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$31 + 19 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

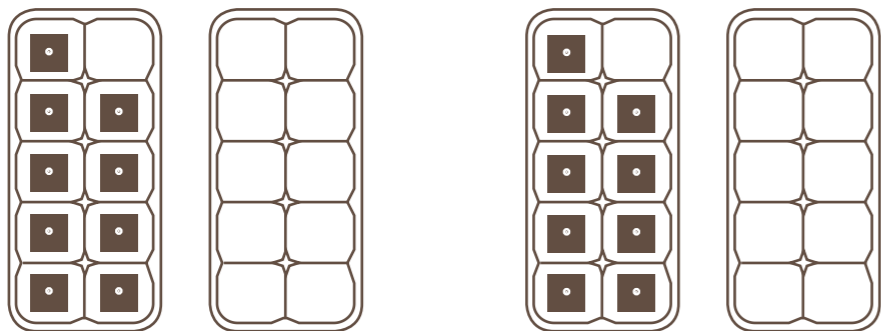
$19 + 21 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$40 - 11 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

$50 - 29 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$

11. Kymmenkori 9

1. Ra-ken-na. Piir-rä. Las-ke.



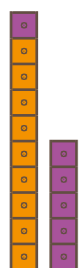
$$9 + 4 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$13 - 4 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$9 + 5 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

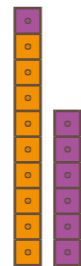
$$14 - 5 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

2. Ra-ken-na. Las-ke.



$$9 + 6 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$15 - 6 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$



$$9 + 7 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$16 - 7 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$



$$9 + 8 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$17 - 8 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$



$$9 + 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$18 - 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

3. Las-ke lu-ku-ju-nal-la.

$$29 + 9 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$39 + 4 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$35 - 6 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$42 - 3 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

4. Las-ke ti-kuil-la.

$$19 + 8 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

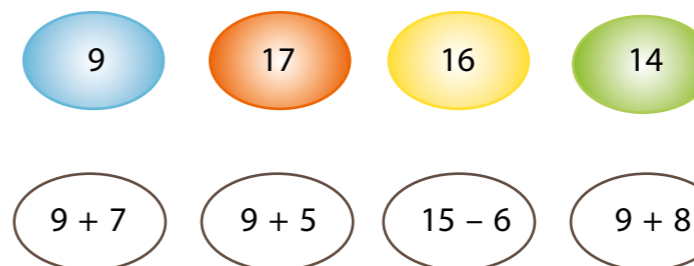
$$29 + 7 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$25 - 6 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$34 - 5 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$



1. Vä-ri-tä.

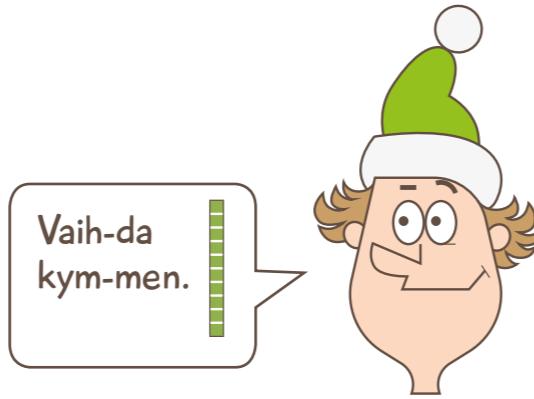


2. Las-ke.

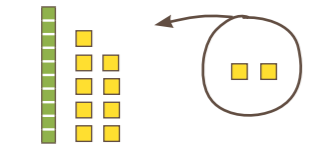
$$26 - 7 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$29 + 8 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

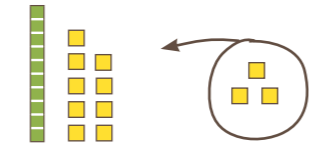
11. Kymmenkori 9



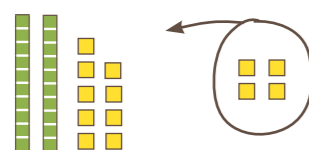
1. Las-ke a-lus-tal-la.



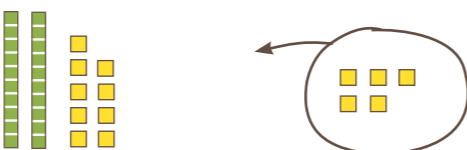
$$\begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} + \begin{array}{|c|} \hline Y \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$



$$\begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} + \begin{array}{|c|} \hline Y \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

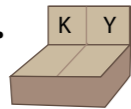


$$\begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} + \begin{array}{|c|} \hline Y \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$



$$\begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array} + \begin{array}{|c|} \hline Y \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

2. Las-ke ti-kuil-la.



$$39 + 7 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$35 - 6 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$46 - 7 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$29 + 4 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

3. Las-ke lu-ku-ju-nal-la.

$$69 + 7 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$67 - 8 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$75 - 6 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$59 + 8 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

4. Las-ke 10-pa-li-koil-la a-lus-tal-la.

a) $59 + 2$

b) $79 + 6$

c) $69 + 5$

a)	5	9	b)	7	9	c)	6	9
	+	2		+	6		+	5
<hr/>			<hr/>			<hr/>		

1. Las-ke.

$$59 + 4 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$69 + 6 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$86 - 7 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$29 + 8 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$34 - 5 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$

$$19 + 7 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$$



11. Kymmenkori 9

1. Laske rahoilla. Ympyröi vastaus.

$$43 \text{ €} - 24 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array} \text{ €}$$

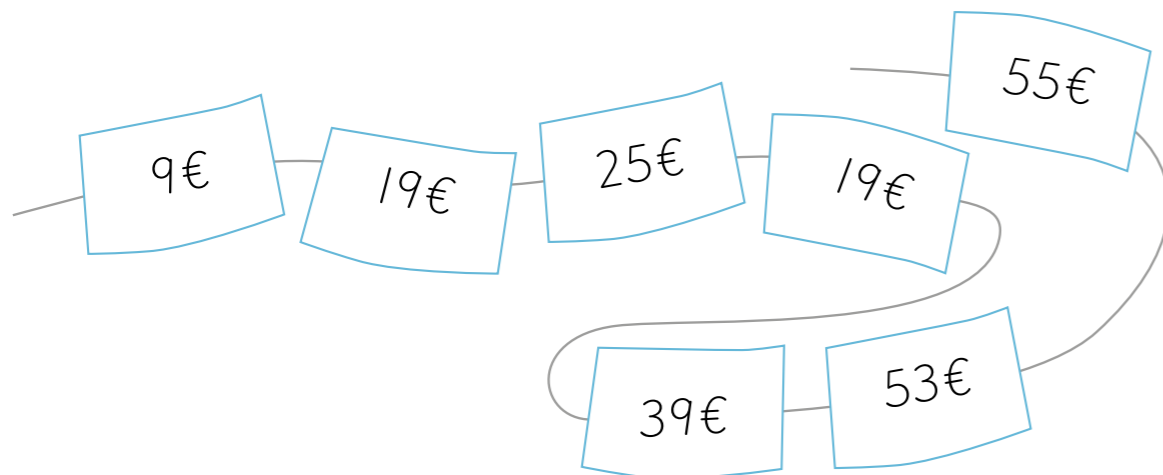
$$46 \text{ €} - 37 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array} \text{ €}$$

$$39 \text{ €} + 14 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array} \text{ €}$$

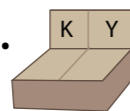
$$39 \text{ €} + 16 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array} \text{ €}$$

$$53 \text{ €} - 14 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array} \text{ €}$$

$$35 \text{ €} - 16 \text{ €} = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array} \text{ €}$$



2. Laske tikuilla.



$$52 - 23 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

$$48 - 39 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

$$29 + 47 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

$$39 + 26 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

3. Laske lukujunalla.

$$59 + 17 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

$$82 - 13 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

$$69 + 25 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

$$73 - 24 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

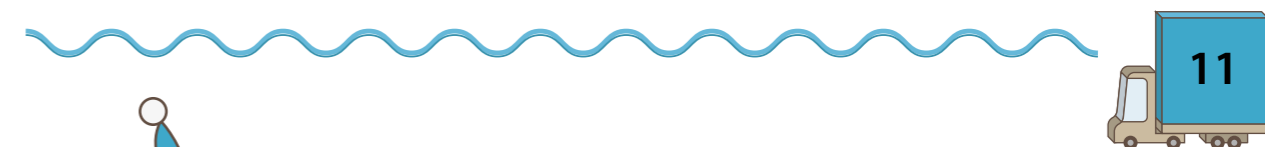
4. Laske 10-palikoilla alustalla.

a) $59 + 22$

b) $79 + 16$

c) $69 + 25$

a)	b)	c)
+	+	+



1. Laske.

$$59 + 24 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

$$49 + 18 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

$$62 - 13 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

$$33 - 14 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

$$85 - 26 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

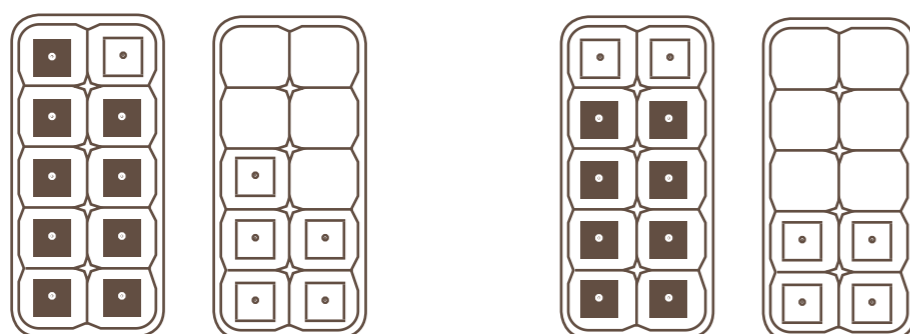
$$39 + 12 = \begin{array}{|c|c|} \hline & \\ \hline \text{K} & \text{Y} \\ \hline \end{array}$$

17. Kuuden yhdistelmät

1. a. Ra-ken-na lu-vun 6 yh-dis-te-mät.



b. Ra-ken-na. Vä-ri-tä yh-dis-tel-mä. Las-ke.



$9 + 6 =$

K	Y

$15 - 6 =$

K	Y

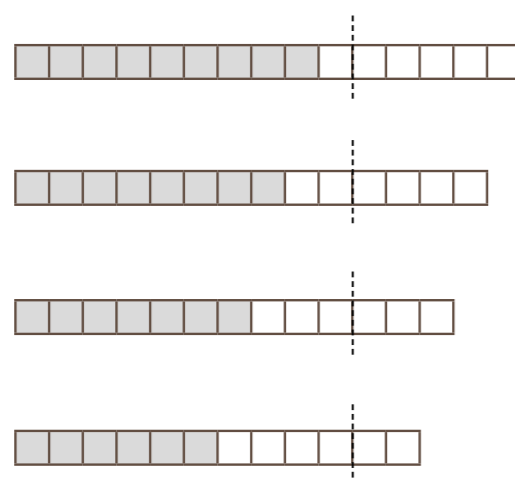
$8 + 6 =$

K	Y

$14 - 6 =$

K	Y

2. Ra-ken-na. Vä-ri-tä yh-dis-tel-mä. Las-ke.



$9 + 6 =$

K	Y

 $15 - 6 =$

K	Y

$8 + 6 =$

K	Y

 $14 - 6 =$

K	Y

$7 + 6 =$

K	Y

 $13 - 6 =$

K	Y

$6 + 6 =$

K	Y

 $12 - 6 =$

K	Y

3. Las-ke lu-ku-ju-nal-la.

$27 + 6 =$

K	Y

$36 + 6 =$

K	Y

$45 - 6 =$

K	Y

$34 - 6 =$

K	Y

4. Las-ke ti-kuil-la.

$29 + 6 =$

K	Y

$35 + 6 =$

K	Y

$23 - 6 =$

K	Y

$41 - 6 =$

K	Y



1. Rat-kai-se sa-la-sa-na.

$15 + 6 =$

--	--

 U

$22 - 6 =$

--	--

 S

$26 + 6 =$

--	--

 E

$19 + 6 =$

--	--

 K

$14 - 6 =$

--	--

 T

Muis-ta kuu-den
yh-dis-tel-mät.



16	21	25	16	32	8

17. Kuuden yhdistelmät

1. a. Ra-ken-na lu-vun 6 yh-dis-te-mät.



b. Ra-ken-na. Vä-ri-tä yh-dis-tel-mä. Las-ke.

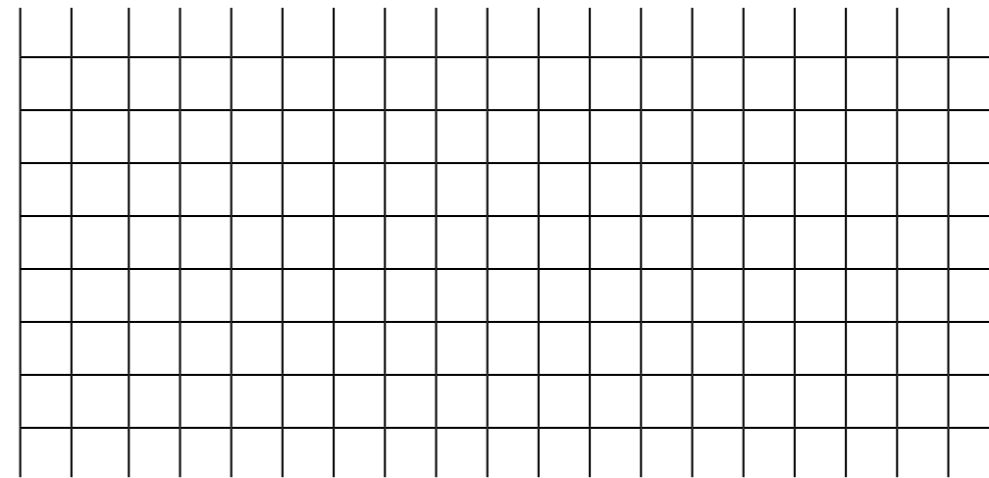
	$17 + 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y	$23 - 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y
K	Y									
K	Y									
	$18 + 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y	$24 - 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y
K	Y									
K	Y									
	$19 + 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y	$25 - 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y
K	Y									
K	Y									

2. Las-ke lu-ku-ju-nal-la.

$76 + 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y	$94 - 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y
K	Y								
K	Y								
$83 - 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y	$87 + 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y
K	Y								
K	Y								

3. Las-ke 10-pa-li-koil-la a-lus-tal-la.

- a) $65 + 6$ b) $55 - 6$ c) $59 + 6$



4. Las-ke.

$17 + 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y	$18 + 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y
K	Y								
K	Y								
$22 - 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y	$23 - 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td>K</td><td>Y</td></tr></table>			K	Y
K	Y								
K	Y								

1. Rat-kai-se sa-la-sa-na.

$55 + 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr></table>			A
$52 - 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr></table>			V
$67 + 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr></table>			S
$79 + 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr></table>			U
$64 - 6 =$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr></table>			T

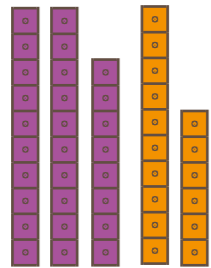
Kuu-den
yh-dis-tel-mät
käyt-töön.



73	61	85	46	61	58

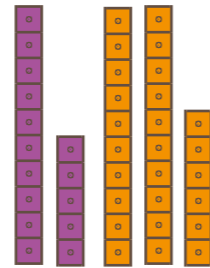
17. Kuuden yhdistelmät

1. Rakenna. Laske.



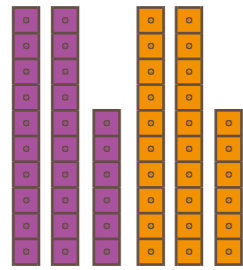
$28 + 16 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$44 - 16 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$



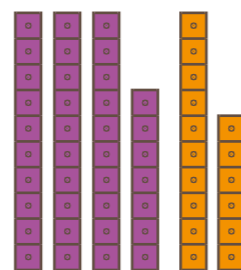
$15 + 26 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$41 - 26 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$



$26 + 26 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$52 - 26 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$



$37 + 16 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$53 - 16 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

2. Laske lukujunalla.

$75 + 16 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$63 - 16 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$92 - 26 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$58 + 26 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

Muista kuuden yhdistelmät.

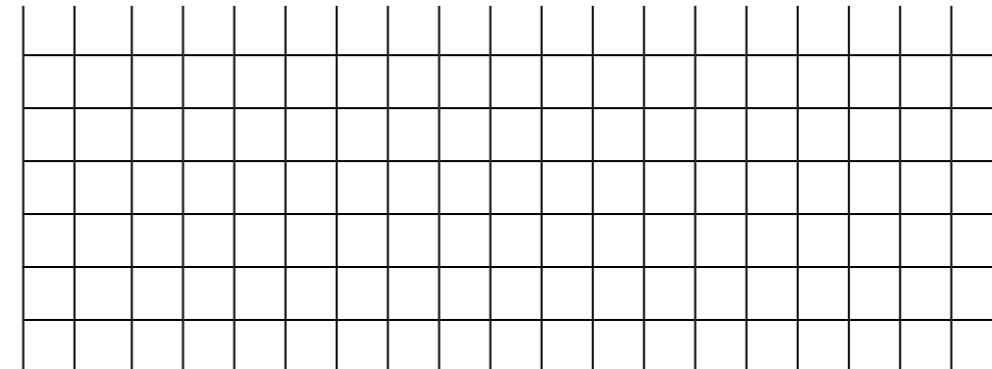


3. Laske 10-palikoilla alustalla.

a) $67 + 26$

b) $64 - 16$

c) $75 - 26$



4. Laske.

$31 - 16 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$28 + 26 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$27 + 16 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$42 - 16 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$43 - 26 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

$19 + 36 = \begin{array}{|c|c|} \hline & \\ \hline K & Y \\ \hline \end{array}$

1. Ratkaise salasana.

$35 + 16 = \quad \quad \quad \text{U}$

$52 - 16 = \quad \quad \quad \text{L}$

$47 + 26 = \quad \quad \quad \text{P}$

$19 + 26 = \quad \quad \quad \text{K}$

$64 - 26 = \quad \quad \quad \text{A}$

73	51	36	45	45	38

