



2. GAIA: BATUKETA, KENKETA ETA BIDERKETA.

BATUKETAREN PROPIETATEAK

TRUKATZE ETA ELKARTZE PROPIETATEAK

1. Aplikatu trukatzeko propietatea eta kalkulatu:

$13 + 5 = \underline{\quad} + \underline{\quad}$ $\underline{\quad} = \underline{\quad}$	$17 + 6 = \underline{\quad} + \underline{\quad}$ $\underline{\quad} = \underline{\quad}$	$4 + 19 = \underline{\quad} + \underline{\quad}$ $\underline{\quad} = \underline{\quad}$
$20 + 15 = \underline{\quad} + \underline{\quad}$ $\underline{\quad} = \underline{\quad}$	$30 + 26 = \underline{\quad} + \underline{\quad}$ $\underline{\quad} = \underline{\quad}$	$45 + 40 = \underline{\quad} + \underline{\quad}$ $\underline{\quad} = \underline{\quad}$

2. Aplikatu elkartzeko propietatea eta kalkulatu:

$(2 \times 4) \times 5 = 2 \times (\square \times \square)$ $\square \times \square = \square \times \square$ $\square = \square$	$(3 \times 2) \times 9 = \square \times (\square \times \square)$ $\square \times \square = \square \times \square$ $\square = \square$
$2 \times (5 \times 6) = (\square \times \square) \times \square$ $\square \times \square = \square \times \square$ $\square = \square$	$8 \times (5 \times 3) = (\square \times \square) \times \square$ $\square \times \square = \square \times \square$ $\square = \square$



BATUKETA ETA KENKETA KONBINATUAK

3. Kalkulatu hurrengo batuketa eta kenketa konbinatuak parentesi gabe:

$$23 - 12 + 3 - 7 =$$

$$3 + 9 + 4 - 2 + 8 =$$

$$8 + 3 + 10 - 8 + 1 =$$

$$12 - 7 + 6 + 3 - 4 =$$

$$7 + 6 - 5 + 3 =$$

$$33 - 15 - 7 + 8 =$$

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

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

$$12 + 8 - 14 + 6 =$$

$$7 - 3 + 9 - 4 + 2 =$$

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4. Kalkulatu hurrengo batuketa eta kenketa konbinatuak parentesiarekin:

$$5 - (2 + 1) + 7 =$$

$$7 - 4 + (2 - 1) =$$

$$6 + 4 + 2 - (7 - 3) + 4 =$$

$$(6 - 3) + (5 + 2) - 3 =$$

ZENBAIT ZIFRAKO ZENBAKIEZ BIDERKATZEA:

5. Kalkulatu hurrengo biderketak:

$$\begin{array}{r} 458 \\ \times 74 \\ \hline \end{array}$$

$$\begin{array}{r} 675 \\ \times 85 \\ \hline \end{array}$$



BIDERKETAREN PROPIETATEAK

TRUKATZE PROPIETATEA

6. Aplikatu trukatzeko propietatea eta kalkulatu:

$$9 \times 4 = \square \times \square$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square = \square$$

$$9 \times 8 = \square \times \square$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square = \square$$

$$12 \times 4 = \square \times \square$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square = \square$$

$$20 \times 10 = \square \times \square$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square = \square$$

7. Aplikatu elkartzeko propietatea eta kalkulatu:

$$(2 \times 4) \times 5 = 2 \times (\square \times \square)$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square \times \square = \square \times \square$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square = \square$$

$$(3 \times 2) \times 9 = \square \times (\square \times \square)$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square \times \square = \square \times \square$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square = \square$$

$$2 \times (5 \times 6) = (\square \times \square) \times \square$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square \times \square = \square \times \square$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square = \square$$

$$8 \times (5 \times 3) = (\square \times \square) \times \square$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square \times \square = \square \times \square$$

$$\swarrow \quad \searrow \quad \swarrow \quad \searrow$$

$$\square = \square$$



8. Aplikatu banatze propietatea eta kalkulatu:

• $4 \times (3 + 7) = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$

• $3 \times (5 + 8) = \underline{\hspace{2cm}}$

• $6 \times (4 + 9) = \underline{\hspace{2cm}}$

• $7 \times (2 + 6) = \underline{\hspace{2cm}}$

• $9 \times (8 + 3) = \underline{\hspace{2cm}}$