

LA MULTIPLICACIÓN Y SUS PROPIEDADES



1) Aplica la propiedad conmutativa en los siguientes ejercicios.

$$32 \times 10 = \square \times \square$$

Arrows point from the 32 and 10 to the first two squares. Below the first square is another square, and below the second square is another square, with an equals sign between them.

$$94 \times 10 = \square \times \square$$

Arrows point from the 94 and 10 to the first two squares. Below the first square is another square, and below the second square is another square, with an equals sign between them.

2) Aplica la propiedad asociativa en los siguientes ejercicios.

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

Arrows point from the 5 and 6 to the first two squares. Below the first square is another square, and below the second square is another square, with an equals sign between them. Arrows also point from the 2 and the result of the first multiplication to a final square.

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

Arrows point from the 5 and 3 to the first two squares. Below the first square is another square, and below the second square is another square, with an equals sign between them. Arrows also point from the 8 and the result of the first multiplication to a final square.

3) Aplica la propiedad distributiva de la multiplicación, respecto a la suma.

• $5 \times (3 + 4) = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$

• $6 \times (5 + 2) = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$

4) Aplica la propiedad distributiva de la multiplicación, respecto a la resta.

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

• $5 \times (8 - 4) = \underline{\quad} \times \underline{\quad} - \underline{\quad} \times \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad}$

