

LA MULTIPLICACIÓN Y SUS PROPIEDADES

1. Arrastre cada propiedad a la característica que corresponda.

Propiedad conmutativa

Propiedad asociativa

Propiedad distributiva

Si se agrupan los factores de distintos modos, no se altera el producto.

Al multiplicar un número por una suma o una resta, se obtiene igual resultado que al multiplicar ese número por cada término.

El orden de los factores no altera el producto total.

2. Aplique la propiedad que corresponda.

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

Diagram showing the commutative property: $32 \times 10 = \square \times \square$. Arrows point from 32 to the first box and from 10 to the second box. Below the equation, there is another box with an arrow pointing to it from the first box of the equation, and another box with an arrow pointing to it from the second box of the equation.

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

Diagram showing the associative property: $8 \times (5 \times 3) = (\square \times \square) \times \square$. Arrows point from 8 to the first box, from 5 to the second box, and from 3 to the third box. Below the equation, there is another box with an arrow pointing to it from the first box of the equation, and another box with an arrow pointing to it from the second box of the equation.

$$40 \times (4 - 2) = (40 \times 4) - (40 \times 2)$$

Diagram showing the distributive property: $40 \times (4 - 2) = (40 \times 4) - (40 \times 2)$. Arrows point from 40 to the first box, from 4 to the second box, and from 2 to the third box. Below the equation, there is another box with an arrow pointing to it from the first box of the equation, and another box with an arrow pointing to it from the second box of the equation.

$$(15 + 18) \times 9 = (15 \times 9) + (18 \times 9)$$

Diagram showing the distributive property: $(15 + 18) \times 9 = (15 \times 9) + (18 \times 9)$. Arrows point from 15 to the first box, from 18 to the second box, and from 9 to the third box. Below the equation, there is another box with an arrow pointing to it from the first box of the equation, and another box with an arrow pointing to it from the second box of the equation.