

**Guía de Matemáticas: Multiplicación**

Nombre: \_\_\_\_\_

Fecha: **29 - 04 - 2020**

Curso: 4° \_\_\_\_\_

**OA:** Demostrar que comprende la multiplicación de números de tres dígitos por números de un dígito: usando estrategias con o sin material concreto, utilizando las tablas de multiplicación, estimando productos, usando la propiedad distributiva de la multiplicación respecto de la suma, aplicando el algoritmo de la multiplicación, resolviendo problemas rutinarios

1.- Resuelve las multiplicaciones aplicando la propiedad distributiva.

**Ejemplo:  $145 \cdot 7 =$**

$$\begin{aligned} & (100 + 40 + 5) \cdot 7 \\ & 100 \cdot 7 + 40 \cdot 7 + 5 \cdot 7 \\ & 700 + 280 + 35 \\ & \quad \quad 1015 \end{aligned}$$

**$443 \cdot 2 =$**

$$\begin{aligned} & (400 + 40 + 3) \cdot 2 \\ & 400 \cdot 2 + 40 \cdot 2 + 3 \cdot 2 \\ & 800 + 80 + 6 \\ & \quad \quad 886 \end{aligned}$$

**$213 \cdot 4 =$**

$$\begin{aligned} & (200 + 10 + 3) \cdot 4 \\ & 200 \cdot 4 + 10 \cdot 4 + 3 \cdot 4 \\ & 800 + 40 + 12 \\ & \quad \quad 852 \end{aligned}$$

**$430 \cdot 6 =$**

$$\begin{aligned} & (400 + 30 + 0) \cdot 6 \\ & 400 \cdot 6 + 30 \cdot 6 + 0 \cdot 6 \\ & 2400 + 180 + 0 \\ & \quad \quad 2580 \end{aligned}$$

**$203 \cdot 3 =$**

$$\begin{aligned} & (200 + 0 + 3) \cdot 3 \\ & 200 \cdot 3 + 0 \cdot 3 + 3 \cdot 3 \\ & 600 + 0 + 9 \\ & \quad \quad 609 \end{aligned}$$

**$582 \cdot 5 =$**

$$\begin{aligned} & (500 + 80 + 2) \cdot 5 \\ & 500 \cdot 5 + 80 \cdot 5 + 2 \cdot 5 \\ & 2500 + 400 + 10 \\ & \quad \quad 2910 \end{aligned}$$

2.- Resuelve usando el algoritmo:

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