

## Multiplicación con Propiedad Distributiva (D)

Nombre: \_\_\_\_\_ Fecha: \_\_\_\_\_ Puntuación: \_\_\_\_\_

Utilicen la propiedad distributiva de la multiplicación para calcular cada producto.

Ej.  $811 \times 72$

$$\begin{aligned} &= (800 + 10 + 1) \times (70 + 2) \\ &= (800 \times 70) + (800 \times 2) + (10 \times 70) + (10 \times 2) + (1 \times 70) + (1 \times 2) \\ &= 56000 + 1600 + 700 + 20 + 70 + 2 = \boxed{58392} \end{aligned}$$

1.  $137 \times 90$

2.  $255 \times 37$

3.  $700 \times 80$

4.  $248 \times 11$

5.  $157 \times 88$

## Multiplicación con Propiedad Distributiva (D) Respuestas

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

Fecha: \_\_\_\_\_

Puntuación: \_\_\_\_\_

Utilicen la propiedad distributiva de la multiplicación para calcular cada producto.

Ej.  $811 \times 72$

$$\begin{aligned} &= (800 + 10 + 1) \times (70 + 2) \\ &= (800 \times 70) + (800 \times 2) + (10 \times 70) + (10 \times 2) + (1 \times 70) + (1 \times 2) \\ &= 56000 + 1600 + 700 + 20 + 70 + 2 = \boxed{58392} \end{aligned}$$

1.  $137 \times 90$

$$\begin{aligned} &= (100 + 30 + 7) \times (90 + 0) \\ &= (100 \times 90) + (100 \times 0) + (30 \times 90) + (30 \times 0) + (7 \times 90) + (7 \times 0) \\ &= 9000 + 0 + 2700 + 0 + 630 + 0 = \boxed{12330} \end{aligned}$$

2.  $255 \times 37$

$$\begin{aligned} &= (200 + 50 + 5) \times (30 + 7) \\ &= (200 \times 30) + (200 \times 7) + (50 \times 30) + (50 \times 7) + (5 \times 30) + (5 \times 7) \\ &= 6000 + 1400 + 1500 + 350 + 150 + 35 = \boxed{9435} \end{aligned}$$

3.  $700 \times 80$

$$\begin{aligned} &= (700 + 0 + 0) \times (80 + 0) \\ &= (700 \times 80) + (700 \times 0) + (0 \times 80) + (0 \times 0) + (0 \times 80) + (0 \times 0) \\ &= 56000 + 0 + 0 + 0 + 0 + 0 = \boxed{56000} \end{aligned}$$

4.  $248 \times 11$

$$\begin{aligned} &= (200 + 40 + 8) \times (10 + 1) \\ &= (200 \times 10) + (200 \times 1) + (40 \times 10) + (40 \times 1) + (8 \times 10) + (8 \times 1) \\ &= 2000 + 200 + 400 + 40 + 80 + 8 = \boxed{2728} \end{aligned}$$

5.  $157 \times 88$

$$\begin{aligned} &= (100 + 50 + 7) \times (80 + 8) \\ &= (100 \times 80) + (100 \times 8) + (50 \times 80) + (50 \times 8) + (7 \times 80) + (7 \times 8) \\ &= 8000 + 800 + 4000 + 400 + 560 + 56 = \boxed{13816} \end{aligned}$$