

## Multiplication avec la Propriété Distributive (I)

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $67222 \times 5$

$$= (60000 + 7000 + 200 + 20 + 2) \times (5)$$

$$= (60000 \times 5) + (7000 \times 5) + (200 \times 5) + (20 \times 5) + (2 \times 5)$$

$$= 300000 + 35000 + 1000 + 100 + 10 = \boxed{336110}$$

1.  $84363 \times 2$

2.  $29466 \times 7$

3.  $18706 \times 8$

4.  $10936 \times 4$

5.  $40455 \times 4$

# Multiplication avec la Propriété Distributive (I) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $67222 \times 5$

$$\begin{aligned} &= (60000 + 7000 + 200 + 20 + 2) \times (5) \\ &= (60000 \times 5) + (7000 \times 5) + (200 \times 5) + (20 \times 5) + (2 \times 5) \\ &= 300000 + 35000 + 1000 + 100 + 10 = \boxed{336110} \end{aligned}$$

1.  $84363 \times 2$

$$\begin{aligned} &= (80000 + 4000 + 300 + 60 + 3) \times (2) \\ &= (80000 \times 2) + (4000 \times 2) + (300 \times 2) + (60 \times 2) + (3 \times 2) \\ &= 160000 + 8000 + 600 + 120 + 6 = \boxed{168726} \end{aligned}$$

2.  $29466 \times 7$

$$\begin{aligned} &= (20000 + 9000 + 400 + 60 + 6) \times (7) \\ &= (20000 \times 7) + (9000 \times 7) + (400 \times 7) + (60 \times 7) + (6 \times 7) \\ &= 140000 + 63000 + 2800 + 420 + 42 = \boxed{206262} \end{aligned}$$

3.  $18706 \times 8$

$$\begin{aligned} &= (10000 + 8000 + 700 + 0 + 6) \times (8) \\ &= (10000 \times 8) + (8000 \times 8) + (700 \times 8) + (0 \times 8) + (6 \times 8) \\ &= 80000 + 64000 + 5600 + 0 + 48 = \boxed{149648} \end{aligned}$$

4.  $10936 \times 4$

$$\begin{aligned} &= (10000 + 0 + 900 + 30 + 6) \times (4) \\ &= (10000 \times 4) + (0 \times 4) + (900 \times 4) + (30 \times 4) + (6 \times 4) \\ &= 40000 + 0 + 3600 + 120 + 24 = \boxed{43744} \end{aligned}$$

5.  $40455 \times 4$

$$\begin{aligned} &= (40000 + 0 + 400 + 50 + 5) \times (4) \\ &= (40000 \times 4) + (0 \times 4) + (400 \times 4) + (50 \times 4) + (5 \times 4) \\ &= 160000 + 0 + 1600 + 200 + 20 = \boxed{161820} \end{aligned}$$