

## Multiplication avec la Propriété Distributive (C)

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

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

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

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

Ex.  $80824 \times 5$

$$= (80000 + 0 + 800 + 20 + 4) \times (5)$$

$$= (80000 \times 5) + (0 \times 5) + (800 \times 5) + (20 \times 5) + (4 \times 5)$$

$$= 400000 + 0 + 4000 + 100 + 20 = \boxed{404120}$$

1.  $97340 \times 2$

2.  $76088 \times 3$

3.  $40636 \times 8$

4.  $17777 \times 4$

5.  $11577 \times 8$

## Multiplication avec la Propriété Distributive (C) Réponses

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

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

Ex.  $80824 \times 5$

$$\begin{aligned} &= (80000 + 0 + 800 + 20 + 4) \times (5) \\ &= (80000 \times 5) + (0 \times 5) + (800 \times 5) + (20 \times 5) + (4 \times 5) \\ &= 400000 + 0 + 4000 + 100 + 20 = \boxed{404120} \end{aligned}$$

1.  $97340 \times 2$

$$\begin{aligned} &= (90000 + 7000 + 300 + 40 + 0) \times (2) \\ &= (90000 \times 2) + (7000 \times 2) + (300 \times 2) + (40 \times 2) + (0 \times 2) \\ &= 180000 + 14000 + 600 + 80 + 0 = \boxed{194680} \end{aligned}$$

2.  $76088 \times 3$

$$\begin{aligned} &= (70000 + 6000 + 0 + 80 + 8) \times (3) \\ &= (70000 \times 3) + (6000 \times 3) + (0 \times 3) + (80 \times 3) + (8 \times 3) \\ &= 210000 + 18000 + 0 + 240 + 24 = \boxed{228264} \end{aligned}$$

3.  $40636 \times 8$

$$\begin{aligned} &= (40000 + 0 + 600 + 30 + 6) \times (8) \\ &= (40000 \times 8) + (0 \times 8) + (600 \times 8) + (30 \times 8) + (6 \times 8) \\ &= 320000 + 0 + 4800 + 240 + 48 = \boxed{325088} \end{aligned}$$

4.  $17777 \times 4$

$$\begin{aligned} &= (10000 + 7000 + 700 + 70 + 7) \times (4) \\ &= (10000 \times 4) + (7000 \times 4) + (700 \times 4) + (70 \times 4) + (7 \times 4) \\ &= 40000 + 28000 + 2800 + 280 + 28 = \boxed{71108} \end{aligned}$$

5.  $11577 \times 8$

$$\begin{aligned} &= (10000 + 1000 + 500 + 70 + 7) \times (8) \\ &= (10000 \times 8) + (1000 \times 8) + (500 \times 8) + (70 \times 8) + (7 \times 8) \\ &= 80000 + 8000 + 4000 + 560 + 56 = \boxed{92616} \end{aligned}$$