

## Multiplication avec la Propriété Distributive (H)

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

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

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

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

Ex.  $35087 \times 3$

$$= (30000 + 5000 + 0 + 80 + 7) \times (3)$$

$$= (30000 \times 3) + (5000 \times 3) + (0 \times 3) + (80 \times 3) + (7 \times 3)$$

$$= 90000 + 15000 + 0 + 240 + 21 = \boxed{105261}$$

1.  $71359 \times 5$

2.  $52034 \times 9$

3.  $36902 \times 8$

4.  $71939 \times 2$

5.  $66937 \times 5$

## Multiplication avec la Propriété Distributive (H) Réponses

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

Ex.  $35087 \times 3$

$$\begin{aligned} &= (30000 + 5000 + 0 + 80 + 7) \times (3) \\ &= (30000 \times 3) + (5000 \times 3) + (0 \times 3) + (80 \times 3) + (7 \times 3) \\ &= 90000 + 15000 + 0 + 240 + 21 = \boxed{105261} \end{aligned}$$

1.  $71359 \times 5$

$$\begin{aligned} &= (70000 + 1000 + 300 + 50 + 9) \times (5) \\ &= (70000 \times 5) + (1000 \times 5) + (300 \times 5) + (50 \times 5) + (9 \times 5) \\ &= 350000 + 5000 + 1500 + 250 + 45 = \boxed{356795} \end{aligned}$$

2.  $52034 \times 9$

$$\begin{aligned} &= (50000 + 2000 + 0 + 30 + 4) \times (9) \\ &= (50000 \times 9) + (2000 \times 9) + (0 \times 9) + (30 \times 9) + (4 \times 9) \\ &= 450000 + 18000 + 0 + 270 + 36 = \boxed{468306} \end{aligned}$$

3.  $36902 \times 8$

$$\begin{aligned} &= (30000 + 6000 + 900 + 0 + 2) \times (8) \\ &= (30000 \times 8) + (6000 \times 8) + (900 \times 8) + (0 \times 8) + (2 \times 8) \\ &= 240000 + 48000 + 7200 + 0 + 16 = \boxed{295216} \end{aligned}$$

4.  $71939 \times 2$

$$\begin{aligned} &= (70000 + 1000 + 900 + 30 + 9) \times (2) \\ &= (70000 \times 2) + (1000 \times 2) + (900 \times 2) + (30 \times 2) + (9 \times 2) \\ &= 140000 + 2000 + 1800 + 60 + 18 = \boxed{143878} \end{aligned}$$

5.  $66937 \times 5$

$$\begin{aligned} &= (60000 + 6000 + 900 + 30 + 7) \times (5) \\ &= (60000 \times 5) + (6000 \times 5) + (900 \times 5) + (30 \times 5) + (7 \times 5) \\ &= 300000 + 30000 + 4500 + 150 + 35 = \boxed{334685} \end{aligned}$$