

## Multiplication avec la Propriété Distributive (B)

Nom: \_\_\_\_\_ Date: \_\_\_\_\_ Note: \_\_\_\_\_

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

Ex.  $65711 \times 7$   
 $= (60000 + 5000 + 700 + 10 + 1) \times (7)$   
 $= (60000 \times 7) + (5000 \times 7) + (700 \times 7) + (10 \times 7) + (1 \times 7)$   
 $= 420000 + 35000 + 4900 + 70 + 7 = \boxed{459977}$

1.  $93343 \times 2$

2.  $18862 \times 8$

3.  $14858 \times 5$

4.  $38095 \times 8$

5.  $61558 \times 9$

## Multiplication avec la Propriété Distributive (B) Réponses

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

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Ex.  $65711 \times 7$

$$\begin{aligned} &= (60000 + 5000 + 700 + 10 + 1) \times (7) \\ &= (60000 \times 7) + (5000 \times 7) + (700 \times 7) + (10 \times 7) + (1 \times 7) \\ &= 420000 + 35000 + 4900 + 70 + 7 = \boxed{459977} \end{aligned}$$

1.  $93343 \times 2$

$$\begin{aligned} &= (90000 + 3000 + 300 + 40 + 3) \times (2) \\ &= (90000 \times 2) + (3000 \times 2) + (300 \times 2) + (40 \times 2) + (3 \times 2) \\ &= 180000 + 6000 + 600 + 80 + 6 = \boxed{186686} \end{aligned}$$

2.  $18862 \times 8$

$$\begin{aligned} &= (10000 + 8000 + 800 + 60 + 2) \times (8) \\ &= (10000 \times 8) + (8000 \times 8) + (800 \times 8) + (60 \times 8) + (2 \times 8) \\ &= 80000 + 64000 + 6400 + 480 + 16 = \boxed{150896} \end{aligned}$$

3.  $14858 \times 5$

$$\begin{aligned} &= (10000 + 4000 + 800 + 50 + 8) \times (5) \\ &= (10000 \times 5) + (4000 \times 5) + (800 \times 5) + (50 \times 5) + (8 \times 5) \\ &= 50000 + 20000 + 4000 + 250 + 40 = \boxed{74290} \end{aligned}$$

4.  $38095 \times 8$

$$\begin{aligned} &= (30000 + 8000 + 0 + 90 + 5) \times (8) \\ &= (30000 \times 8) + (8000 \times 8) + (0 \times 8) + (90 \times 8) + (5 \times 8) \\ &= 240000 + 64000 + 0 + 720 + 40 = \boxed{304760} \end{aligned}$$

5.  $61558 \times 9$

$$\begin{aligned} &= (60000 + 1000 + 500 + 50 + 8) \times (9) \\ &= (60000 \times 9) + (1000 \times 9) + (500 \times 9) + (50 \times 9) + (8 \times 9) \\ &= 540000 + 9000 + 4500 + 450 + 72 = \boxed{554022} \end{aligned}$$