

Multiplication avec la Propriété Distributive (J)

Nom: _____

Date: _____

Note: _____

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

Ex. 5772×5

$$= (5000 + 700 + 70 + 2) \times (5)$$

$$= (5000 \times 5) + (700 \times 5) + (70 \times 5) + (2 \times 5)$$

$$= 25000 + 3500 + 350 + 10 = \boxed{28860}$$

1. 8173×7

2. 3784×6

3. 8172×2

4. 9149×7

5. 6605×4

Multiplication avec la Propriété Distributive (J) Réponses

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1. 8173×7

$$\begin{aligned} &= (8000 + 100 + 70 + 3) \times (7) \\ &= (8000 \times 7) + (100 \times 7) + (70 \times 7) + (3 \times 7) \\ &= 56000 + 700 + 490 + 21 = \boxed{57211} \end{aligned}$$

2. 3784×6

$$\begin{aligned} &= (3000 + 700 + 80 + 4) \times (6) \\ &= (3000 \times 6) + (700 \times 6) + (80 \times 6) + (4 \times 6) \\ &= 18000 + 4200 + 480 + 24 = \boxed{22704} \end{aligned}$$

3. 8172×2

$$\begin{aligned} &= (8000 + 100 + 70 + 2) \times (2) \\ &= (8000 \times 2) + (100 \times 2) + (70 \times 2) + (2 \times 2) \\ &= 16000 + 200 + 140 + 4 = \boxed{16344} \end{aligned}$$

4. 9149×7

$$\begin{aligned} &= (9000 + 100 + 40 + 9) \times (7) \\ &= (9000 \times 7) + (100 \times 7) + (40 \times 7) + (9 \times 7) \\ &= 63000 + 700 + 280 + 63 = \boxed{64043} \end{aligned}$$

5. 6605×4

$$\begin{aligned} &= (6000 + 600 + 0 + 5) \times (4) \\ &= (6000 \times 4) + (600 \times 4) + (0 \times 4) + (5 \times 4) \\ &= 24000 + 2400 + 0 + 20 = \boxed{26420} \end{aligned}$$