

Multiplication avec la Propriété Distributive (B)

Nom: _____

Date: _____

Note: _____

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

Ex. 9663×5

$$= (9000 + 600 + 60 + 3) \times (5)$$

$$= (9000 \times 5) + (600 \times 5) + (60 \times 5) + (3 \times 5)$$

$$= 45000 + 3000 + 300 + 15 = \boxed{48315}$$

1. 2056×5

2. 5411×3

3. 6188×9

4. 3415×9

5. 4403×3

Multiplication avec la Propriété Distributive (B) Réponses

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

Ex. 9663×5

$$\begin{aligned} &= (9000 + 600 + 60 + 3) \times (5) \\ &= (9000 \times 5) + (600 \times 5) + (60 \times 5) + (3 \times 5) \\ &= 45000 + 3000 + 300 + 15 = \boxed{48315} \end{aligned}$$

1. 2056×5

$$\begin{aligned} &= (2000 + 0 + 50 + 6) \times (5) \\ &= (2000 \times 5) + (0 \times 5) + (50 \times 5) + (6 \times 5) \\ &= 10000 + 0 + 250 + 30 = \boxed{10280} \end{aligned}$$

2. 5411×3

$$\begin{aligned} &= (5000 + 400 + 10 + 1) \times (3) \\ &= (5000 \times 3) + (400 \times 3) + (10 \times 3) + (1 \times 3) \\ &= 15000 + 1200 + 30 + 3 = \boxed{16233} \end{aligned}$$

3. 6188×9

$$\begin{aligned} &= (6000 + 100 + 80 + 8) \times (9) \\ &= (6000 \times 9) + (100 \times 9) + (80 \times 9) + (8 \times 9) \\ &= 54000 + 900 + 720 + 72 = \boxed{55692} \end{aligned}$$

4. 3415×9

$$\begin{aligned} &= (3000 + 400 + 10 + 5) \times (9) \\ &= (3000 \times 9) + (400 \times 9) + (10 \times 9) + (5 \times 9) \\ &= 27000 + 3600 + 90 + 45 = \boxed{30735} \end{aligned}$$

5. 4403×3

$$\begin{aligned} &= (4000 + 400 + 0 + 3) \times (3) \\ &= (4000 \times 3) + (400 \times 3) + (0 \times 3) + (3 \times 3) \\ &= 12000 + 1200 + 0 + 9 = \boxed{13209} \end{aligned}$$