

Multiplication avec la Propriété Distributive (E)

Nom: _____ Date: _____ Note: _____

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

Ex. 67280×2

$$= (60000 + 7000 + 200 + 80 + 0) \times (2)$$

$$= (60000 \times 2) + (7000 \times 2) + (200 \times 2) + (80 \times 2) + (0 \times 2)$$

$$= 120000 + 14000 + 400 + 160 + 0 = \boxed{134560}$$

1. 84625×2

2. 45851×4

3. 69225×5

4. 44030×2

5. 70514×3

Multiplication avec la Propriété Distributive (E) Réponses

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Ex. 67280×2

$$\begin{aligned} &= (60000 + 7000 + 200 + 80 + 0) \times (2) \\ &= (60000 \times 2) + (7000 \times 2) + (200 \times 2) + (80 \times 2) + (0 \times 2) \\ &= 120000 + 14000 + 400 + 160 + 0 = \boxed{134560} \end{aligned}$$

1. 84625×2

$$\begin{aligned} &= (80000 + 4000 + 600 + 20 + 5) \times (2) \\ &= (80000 \times 2) + (4000 \times 2) + (600 \times 2) + (20 \times 2) + (5 \times 2) \\ &= 160000 + 8000 + 1200 + 40 + 10 = \boxed{169250} \end{aligned}$$

2. 45851×4

$$\begin{aligned} &= (40000 + 5000 + 800 + 50 + 1) \times (4) \\ &= (40000 \times 4) + (5000 \times 4) + (800 \times 4) + (50 \times 4) + (1 \times 4) \\ &= 160000 + 20000 + 3200 + 200 + 4 = \boxed{183404} \end{aligned}$$

3. 69225×5

$$\begin{aligned} &= (60000 + 9000 + 200 + 20 + 5) \times (5) \\ &= (60000 \times 5) + (9000 \times 5) + (200 \times 5) + (20 \times 5) + (5 \times 5) \\ &= 300000 + 45000 + 1000 + 100 + 25 = \boxed{346125} \end{aligned}$$

4. 44030×2

$$\begin{aligned} &= (40000 + 4000 + 0 + 30 + 0) \times (2) \\ &= (40000 \times 2) + (4000 \times 2) + (0 \times 2) + (30 \times 2) + (0 \times 2) \\ &= 80000 + 8000 + 0 + 60 + 0 = \boxed{88060} \end{aligned}$$

5. 70514×3

$$\begin{aligned} &= (70000 + 0 + 500 + 10 + 4) \times (3) \\ &= (70000 \times 3) + (0 \times 3) + (500 \times 3) + (10 \times 3) + (4 \times 3) \\ &= 210000 + 0 + 1500 + 30 + 12 = \boxed{211542} \end{aligned}$$