

Multiplication avec la Propriété Distributive (J)

Nom: _____ Date: _____ Note: _____

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

Ex. 57974×6
 $= (50000 + 7000 + 900 + 70 + 4) \times (6)$
 $= (50000 \times 6) + (7000 \times 6) + (900 \times 6) + (70 \times 6) + (4 \times 6)$
 $= 300000 + 42000 + 5400 + 420 + 24 = \boxed{347844}$

1. 13123×6

2. 52345×4

3. 99183×9

4. 16076×4

5. 85493×3

Multiplication avec la Propriété Distributive (J) Réponses

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Ex. 57974×6

$$\begin{aligned} &= (50000 + 7000 + 900 + 70 + 4) \times (6) \\ &= (50000 \times 6) + (7000 \times 6) + (900 \times 6) + (70 \times 6) + (4 \times 6) \\ &= 300000 + 42000 + 5400 + 420 + 24 = \boxed{347844} \end{aligned}$$

1. 13123×6

$$\begin{aligned} &= (10000 + 3000 + 100 + 20 + 3) \times (6) \\ &= (10000 \times 6) + (3000 \times 6) + (100 \times 6) + (20 \times 6) + (3 \times 6) \\ &= 60000 + 18000 + 600 + 120 + 18 = \boxed{78738} \end{aligned}$$

2. 52345×4

$$\begin{aligned} &= (50000 + 2000 + 300 + 40 + 5) \times (4) \\ &= (50000 \times 4) + (2000 \times 4) + (300 \times 4) + (40 \times 4) + (5 \times 4) \\ &= 200000 + 8000 + 1200 + 160 + 20 = \boxed{209380} \end{aligned}$$

3. 99183×9

$$\begin{aligned} &= (90000 + 9000 + 100 + 80 + 3) \times (9) \\ &= (90000 \times 9) + (9000 \times 9) + (100 \times 9) + (80 \times 9) + (3 \times 9) \\ &= 810000 + 81000 + 900 + 720 + 27 = \boxed{892647} \end{aligned}$$

4. 16076×4

$$\begin{aligned} &= (10000 + 6000 + 0 + 70 + 6) \times (4) \\ &= (10000 \times 4) + (6000 \times 4) + (0 \times 4) + (70 \times 4) + (6 \times 4) \\ &= 40000 + 24000 + 0 + 280 + 24 = \boxed{64304} \end{aligned}$$

5. 85493×3

$$\begin{aligned} &= (80000 + 5000 + 400 + 90 + 3) \times (3) \\ &= (80000 \times 3) + (5000 \times 3) + (400 \times 3) + (90 \times 3) + (3 \times 3) \\ &= 240000 + 15000 + 1200 + 270 + 9 = \boxed{256479} \end{aligned}$$