

Multiplication avec la Propriété Distributive (I)

Nom: _____

Date: _____

Note: _____

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

Ex. 475×2

$$\begin{aligned} &= (400 + 70 + 5) \times (2) \\ &= (400 \times 2) + (70 \times 2) + (5 \times 2) \\ &= 800 + 140 + 10 = \boxed{950} \end{aligned}$$

1. 422×7

6. 476×8

2. 476×5

7. 758×3

3. 786×3

8. 105×9

4. 579×5

9. 590×2

5. 235×2

10. 369×3

Multiplication avec la Propriété Distributive (I) Réponses

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1. 422×7

$$\begin{aligned} &= (400 + 20 + 2) \times (7) \\ &= (400 \times 7) + (20 \times 7) + (2 \times 7) \\ &= 2800 + 140 + 14 = \boxed{2954} \end{aligned}$$

6. 476×8

$$\begin{aligned} &= (400 + 70 + 6) \times (8) \\ &= (400 \times 8) + (70 \times 8) + (6 \times 8) \\ &= 3200 + 560 + 48 = \boxed{3808} \end{aligned}$$

2. 476×5

$$\begin{aligned} &= (400 + 70 + 6) \times (5) \\ &= (400 \times 5) + (70 \times 5) + (6 \times 5) \\ &= 2000 + 350 + 30 = \boxed{2380} \end{aligned}$$

7. 758×3

$$\begin{aligned} &= (700 + 50 + 8) \times (3) \\ &= (700 \times 3) + (50 \times 3) + (8 \times 3) \\ &= 2100 + 150 + 24 = \boxed{2274} \end{aligned}$$

3. 786×3

$$\begin{aligned} &= (700 + 80 + 6) \times (3) \\ &= (700 \times 3) + (80 \times 3) + (6 \times 3) \\ &= 2100 + 240 + 18 = \boxed{2358} \end{aligned}$$

8. 105×9

$$\begin{aligned} &= (100 + 0 + 5) \times (9) \\ &= (100 \times 9) + (0 \times 9) + (5 \times 9) \\ &= 900 + 0 + 45 = \boxed{945} \end{aligned}$$

4. 579×5

$$\begin{aligned} &= (500 + 70 + 9) \times (5) \\ &= (500 \times 5) + (70 \times 5) + (9 \times 5) \\ &= 2500 + 350 + 45 = \boxed{2895} \end{aligned}$$

9. 590×2

$$\begin{aligned} &= (500 + 90 + 0) \times (2) \\ &= (500 \times 2) + (90 \times 2) + (0 \times 2) \\ &= 1000 + 180 + 0 = \boxed{1180} \end{aligned}$$

5. 235×2

$$\begin{aligned} &= (200 + 30 + 5) \times (2) \\ &= (200 \times 2) + (30 \times 2) + (5 \times 2) \\ &= 400 + 60 + 10 = \boxed{470} \end{aligned}$$

10. 369×3

$$\begin{aligned} &= (300 + 60 + 9) \times (3) \\ &= (300 \times 3) + (60 \times 3) + (9 \times 3) \\ &= 900 + 180 + 27 = \boxed{1107} \end{aligned}$$