

Multiplication avec la Propriété Distributive (A)

Nom: _____

Date: _____

Note: _____

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

Ex. 657×2

$$\begin{aligned} &= (600 + 50 + 7) \times (2) \\ &= (600 \times 2) + (50 \times 2) + (7 \times 2) \\ &= 1200 + 100 + 14 = \boxed{1314} \end{aligned}$$

1. 303×8

6. 223×7

2. 109×2

7. 541×5

3. 257×3

8. 170×7

4. 824×8

9. 211×8

5. 527×9

10. 236×7

Multiplication avec la Propriété Distributive (A) Réponses

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1. 303×8

$$\begin{aligned} &= (300 + 0 + 3) \times (8) \\ &= (300 \times 8) + (0 \times 8) + (3 \times 8) \\ &= 2400 + 0 + 24 = \boxed{2424} \end{aligned}$$

6. 223×7

$$\begin{aligned} &= (200 + 20 + 3) \times (7) \\ &= (200 \times 7) + (20 \times 7) + (3 \times 7) \\ &= 1400 + 140 + 21 = \boxed{1561} \end{aligned}$$

2. 109×2

$$\begin{aligned} &= (100 + 0 + 9) \times (2) \\ &= (100 \times 2) + (0 \times 2) + (9 \times 2) \\ &= 200 + 0 + 18 = \boxed{218} \end{aligned}$$

7. 541×5

$$\begin{aligned} &= (500 + 40 + 1) \times (5) \\ &= (500 \times 5) + (40 \times 5) + (1 \times 5) \\ &= 2500 + 200 + 5 = \boxed{2705} \end{aligned}$$

3. 257×3

$$\begin{aligned} &= (200 + 50 + 7) \times (3) \\ &= (200 \times 3) + (50 \times 3) + (7 \times 3) \\ &= 600 + 150 + 21 = \boxed{771} \end{aligned}$$

8. 170×7

$$\begin{aligned} &= (100 + 70 + 0) \times (7) \\ &= (100 \times 7) + (70 \times 7) + (0 \times 7) \\ &= 700 + 490 + 0 = \boxed{1190} \end{aligned}$$

4. 824×8

$$\begin{aligned} &= (800 + 20 + 4) \times (8) \\ &= (800 \times 8) + (20 \times 8) + (4 \times 8) \\ &= 6400 + 160 + 32 = \boxed{6592} \end{aligned}$$

9. 211×8

$$\begin{aligned} &= (200 + 10 + 1) \times (8) \\ &= (200 \times 8) + (10 \times 8) + (1 \times 8) \\ &= 1600 + 80 + 8 = \boxed{1688} \end{aligned}$$

5. 527×9

$$\begin{aligned} &= (500 + 20 + 7) \times (9) \\ &= (500 \times 9) + (20 \times 9) + (7 \times 9) \\ &= 4500 + 180 + 63 = \boxed{4743} \end{aligned}$$

10. 236×7

$$\begin{aligned} &= (200 + 30 + 6) \times (7) \\ &= (200 \times 7) + (30 \times 7) + (6 \times 7) \\ &= 1400 + 210 + 42 = \boxed{1652} \end{aligned}$$