

Multiplication avec la Propriété Distributive (J)

Nom: _____

Date: _____

Note: _____

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

Ex. 85×4

$$\begin{aligned} &= (80 + 5) \times (4) \\ &= (80 \times 4) + (5 \times 4) \\ &= 320 + 20 = \boxed{340} \end{aligned}$$

1. 44×6

6. 44×3

2. 71×7

7. 65×3

3. 11×9

8. 55×4

4. 54×7

9. 79×6

5. 82×8

10. 57×3

Multiplication avec la Propriété Distributive (J) Réponses

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Ex. 85×4

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1. 44×6

$$\begin{aligned} &= (40 + 4) \times (6) \\ &= (40 \times 6) + (4 \times 6) \\ &= 240 + 24 = \boxed{264} \end{aligned}$$

6. 44×3

$$\begin{aligned} &= (40 + 4) \times (3) \\ &= (40 \times 3) + (4 \times 3) \\ &= 120 + 12 = \boxed{132} \end{aligned}$$

2. 71×7

$$\begin{aligned} &= (70 + 1) \times (7) \\ &= (70 \times 7) + (1 \times 7) \\ &= 490 + 7 = \boxed{497} \end{aligned}$$

7. 65×3

$$\begin{aligned} &= (60 + 5) \times (3) \\ &= (60 \times 3) + (5 \times 3) \\ &= 180 + 15 = \boxed{195} \end{aligned}$$

3. 11×9

$$\begin{aligned} &= (10 + 1) \times (9) \\ &= (10 \times 9) + (1 \times 9) \\ &= 90 + 9 = \boxed{99} \end{aligned}$$

8. 55×4

$$\begin{aligned} &= (50 + 5) \times (4) \\ &= (50 \times 4) + (5 \times 4) \\ &= 200 + 20 = \boxed{220} \end{aligned}$$

4. 54×7

$$\begin{aligned} &= (50 + 4) \times (7) \\ &= (50 \times 7) + (4 \times 7) \\ &= 350 + 28 = \boxed{378} \end{aligned}$$

9. 79×6

$$\begin{aligned} &= (70 + 9) \times (6) \\ &= (70 \times 6) + (9 \times 6) \\ &= 420 + 54 = \boxed{474} \end{aligned}$$

5. 82×8

$$\begin{aligned} &= (80 + 2) \times (8) \\ &= (80 \times 8) + (2 \times 8) \\ &= 640 + 16 = \boxed{656} \end{aligned}$$

10. 57×3

$$\begin{aligned} &= (50 + 7) \times (3) \\ &= (50 \times 3) + (7 \times 3) \\ &= 150 + 21 = \boxed{171} \end{aligned}$$