

Multiplication avec la Propriété Distributive (I)

Nom: _____

Date: _____

Note: _____

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

Ex. 87×3
 $= (80 + 7) \times (3)$
 $= (80 \times 3) + (7 \times 3)$
 $= 240 + 21 = \boxed{261}$

1. 43×4

6. 45×4

2. 24×5

7. 82×2

3. 92×8

8. 42×7

4. 43×9

9. 55×5

5. 59×9

10. 56×2

Multiplication avec la Propriété Distributive (I) Réponses

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Ex. 87×3

$$\begin{aligned} &= (80 + 7) \times (3) \\ &= (80 \times 3) + (7 \times 3) \\ &= 240 + 21 = \boxed{261} \end{aligned}$$

1. 43×4

$$\begin{aligned} &= (40 + 3) \times (4) \\ &= (40 \times 4) + (3 \times 4) \\ &= 160 + 12 = \boxed{172} \end{aligned}$$

6. 45×4

$$\begin{aligned} &= (40 + 5) \times (4) \\ &= (40 \times 4) + (5 \times 4) \\ &= 160 + 20 = \boxed{180} \end{aligned}$$

2. 24×5

$$\begin{aligned} &= (20 + 4) \times (5) \\ &= (20 \times 5) + (4 \times 5) \\ &= 100 + 20 = \boxed{120} \end{aligned}$$

7. 82×2

$$\begin{aligned} &= (80 + 2) \times (2) \\ &= (80 \times 2) + (2 \times 2) \\ &= 160 + 4 = \boxed{164} \end{aligned}$$

3. 92×8

$$\begin{aligned} &= (90 + 2) \times (8) \\ &= (90 \times 8) + (2 \times 8) \\ &= 720 + 16 = \boxed{736} \end{aligned}$$

8. 42×7

$$\begin{aligned} &= (40 + 2) \times (7) \\ &= (40 \times 7) + (2 \times 7) \\ &= 280 + 14 = \boxed{294} \end{aligned}$$

4. 43×9

$$\begin{aligned} &= (40 + 3) \times (9) \\ &= (40 \times 9) + (3 \times 9) \\ &= 360 + 27 = \boxed{387} \end{aligned}$$

9. 55×5

$$\begin{aligned} &= (50 + 5) \times (5) \\ &= (50 \times 5) + (5 \times 5) \\ &= 250 + 25 = \boxed{275} \end{aligned}$$

5. 59×9

$$\begin{aligned} &= (50 + 9) \times (9) \\ &= (50 \times 9) + (9 \times 9) \\ &= 450 + 81 = \boxed{531} \end{aligned}$$

10. 56×2

$$\begin{aligned} &= (50 + 6) \times (2) \\ &= (50 \times 2) + (6 \times 2) \\ &= 100 + 12 = \boxed{112} \end{aligned}$$