

Multiplication avec la Propriété Distributive (F)

Nom: _____

Date: _____

Note: _____

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

Ex. 38×4
 $= (30 + 8) \times (4)$
 $= (30 \times 4) + (8 \times 4)$
 $= 120 + 32 = \boxed{152}$

1. 20×7

6. 74×2

2. 17×9

7. 62×2

3. 37×3

8. 10×5

4. 46×9

9. 38×3

5. 12×5

10. 54×4

Multiplication avec la Propriété Distributive (F) Réponses

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Ex. 38×4

$$\begin{aligned} &= (30 + 8) \times (4) \\ &= (30 \times 4) + (8 \times 4) \\ &= 120 + 32 = \boxed{152} \end{aligned}$$

1. 20×7

$$\begin{aligned} &= (20 + 0) \times (7) \\ &= (20 \times 7) + (0 \times 7) \\ &= 140 + 0 = \boxed{140} \end{aligned}$$

6. 74×2

$$\begin{aligned} &= (70 + 4) \times (2) \\ &= (70 \times 2) + (4 \times 2) \\ &= 140 + 8 = \boxed{148} \end{aligned}$$

2. 17×9

$$\begin{aligned} &= (10 + 7) \times (9) \\ &= (10 \times 9) + (7 \times 9) \\ &= 90 + 63 = \boxed{153} \end{aligned}$$

7. 62×2

$$\begin{aligned} &= (60 + 2) \times (2) \\ &= (60 \times 2) + (2 \times 2) \\ &= 120 + 4 = \boxed{124} \end{aligned}$$

3. 37×3

$$\begin{aligned} &= (30 + 7) \times (3) \\ &= (30 \times 3) + (7 \times 3) \\ &= 90 + 21 = \boxed{111} \end{aligned}$$

8. 10×5

$$\begin{aligned} &= (10 + 0) \times (5) \\ &= (10 \times 5) + (0 \times 5) \\ &= 50 + 0 = \boxed{50} \end{aligned}$$

4. 46×9

$$\begin{aligned} &= (40 + 6) \times (9) \\ &= (40 \times 9) + (6 \times 9) \\ &= 360 + 54 = \boxed{414} \end{aligned}$$

9. 38×3

$$\begin{aligned} &= (30 + 8) \times (3) \\ &= (30 \times 3) + (8 \times 3) \\ &= 90 + 24 = \boxed{114} \end{aligned}$$

5. 12×5

$$\begin{aligned} &= (10 + 2) \times (5) \\ &= (10 \times 5) + (2 \times 5) \\ &= 50 + 10 = \boxed{60} \end{aligned}$$

10. 54×4

$$\begin{aligned} &= (50 + 4) \times (4) \\ &= (50 \times 4) + (4 \times 4) \\ &= 200 + 16 = \boxed{216} \end{aligned}$$