

Multiplication avec la Propriété Distributive (C)

Nom: _____

Date: _____

Note: _____

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

Ex. 103×5

$$\begin{aligned} &= (100 + 0 + 3) \times (5) \\ &= (100 \times 5) + (0 \times 5) + (3 \times 5) \\ &= 500 + 0 + 15 = \boxed{515} \end{aligned}$$

1. 588×3

6. 459×3

2. 913×5

7. 994×2

3. 960×8

8. 711×7

4. 865×4

9. 465×6

5. 816×5

10. 263×3

Multiplication avec la Propriété Distributive (C) Réponses

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1. 588×3

$$\begin{aligned} &= (500 + 80 + 8) \times (3) \\ &= (500 \times 3) + (80 \times 3) + (8 \times 3) \\ &= 1500 + 240 + 24 = \boxed{1764} \end{aligned}$$

6. 459×3

$$\begin{aligned} &= (400 + 50 + 9) \times (3) \\ &= (400 \times 3) + (50 \times 3) + (9 \times 3) \\ &= 1200 + 150 + 27 = \boxed{1377} \end{aligned}$$

2. 913×5

$$\begin{aligned} &= (900 + 10 + 3) \times (5) \\ &= (900 \times 5) + (10 \times 5) + (3 \times 5) \\ &= 4500 + 50 + 15 = \boxed{4565} \end{aligned}$$

7. 994×2

$$\begin{aligned} &= (900 + 90 + 4) \times (2) \\ &= (900 \times 2) + (90 \times 2) + (4 \times 2) \\ &= 1800 + 180 + 8 = \boxed{1988} \end{aligned}$$

3. 960×8

$$\begin{aligned} &= (900 + 60 + 0) \times (8) \\ &= (900 \times 8) + (60 \times 8) + (0 \times 8) \\ &= 7200 + 480 + 0 = \boxed{7680} \end{aligned}$$

8. 711×7

$$\begin{aligned} &= (700 + 10 + 1) \times (7) \\ &= (700 \times 7) + (10 \times 7) + (1 \times 7) \\ &= 4900 + 70 + 7 = \boxed{4977} \end{aligned}$$

4. 865×4

$$\begin{aligned} &= (800 + 60 + 5) \times (4) \\ &= (800 \times 4) + (60 \times 4) + (5 \times 4) \\ &= 3200 + 240 + 20 = \boxed{3460} \end{aligned}$$

9. 465×6

$$\begin{aligned} &= (400 + 60 + 5) \times (6) \\ &= (400 \times 6) + (60 \times 6) + (5 \times 6) \\ &= 2400 + 360 + 30 = \boxed{2790} \end{aligned}$$

5. 816×5

$$\begin{aligned} &= (800 + 10 + 6) \times (5) \\ &= (800 \times 5) + (10 \times 5) + (6 \times 5) \\ &= 4000 + 50 + 30 = \boxed{4080} \end{aligned}$$

10. 263×3

$$\begin{aligned} &= (200 + 60 + 3) \times (3) \\ &= (200 \times 3) + (60 \times 3) + (3 \times 3) \\ &= 600 + 180 + 9 = \boxed{789} \end{aligned}$$