

Multiplication avec la Propriété Distributive (D)

Nom: _____

Date: _____

Note: _____

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

Ex. 929×8

$$\begin{aligned} &= (900 + 20 + 9) \times (8) \\ &= (900 \times 8) + (20 \times 8) + (9 \times 8) \\ &= 7200 + 160 + 72 = \boxed{7432} \end{aligned}$$

1. 240×5

6. 586×6

2. 178×9

7. 378×3

3. 569×6

8. 453×4

4. 748×6

9. 690×5

5. 103×6

10. 464×5

Multiplication avec la Propriété Distributive (D) Réponses

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1. 240×5

$$\begin{aligned} &= (200 + 40 + 0) \times (5) \\ &= (200 \times 5) + (40 \times 5) + (0 \times 5) \\ &= 1000 + 200 + 0 = \boxed{1200} \end{aligned}$$

6. 586×6

$$\begin{aligned} &= (500 + 80 + 6) \times (6) \\ &= (500 \times 6) + (80 \times 6) + (6 \times 6) \\ &= 3000 + 480 + 36 = \boxed{3516} \end{aligned}$$

2. 178×9

$$\begin{aligned} &= (100 + 70 + 8) \times (9) \\ &= (100 \times 9) + (70 \times 9) + (8 \times 9) \\ &= 900 + 630 + 72 = \boxed{1602} \end{aligned}$$

7. 378×3

$$\begin{aligned} &= (300 + 70 + 8) \times (3) \\ &= (300 \times 3) + (70 \times 3) + (8 \times 3) \\ &= 900 + 210 + 24 = \boxed{1134} \end{aligned}$$

3. 569×6

$$\begin{aligned} &= (500 + 60 + 9) \times (6) \\ &= (500 \times 6) + (60 \times 6) + (9 \times 6) \\ &= 3000 + 360 + 54 = \boxed{3414} \end{aligned}$$

8. 453×4

$$\begin{aligned} &= (400 + 50 + 3) \times (4) \\ &= (400 \times 4) + (50 \times 4) + (3 \times 4) \\ &= 1600 + 200 + 12 = \boxed{1812} \end{aligned}$$

4. 748×6

$$\begin{aligned} &= (700 + 40 + 8) \times (6) \\ &= (700 \times 6) + (40 \times 6) + (8 \times 6) \\ &= 4200 + 240 + 48 = \boxed{4488} \end{aligned}$$

9. 690×5

$$\begin{aligned} &= (600 + 90 + 0) \times (5) \\ &= (600 \times 5) + (90 \times 5) + (0 \times 5) \\ &= 3000 + 450 + 0 = \boxed{3450} \end{aligned}$$

5. 103×6

$$\begin{aligned} &= (100 + 0 + 3) \times (6) \\ &= (100 \times 6) + (0 \times 6) + (3 \times 6) \\ &= 600 + 0 + 18 = \boxed{618} \end{aligned}$$

10. 464×5

$$\begin{aligned} &= (400 + 60 + 4) \times (5) \\ &= (400 \times 5) + (60 \times 5) + (4 \times 5) \\ &= 2000 + 300 + 20 = \boxed{2320} \end{aligned}$$