

Multiplication avec la Propriété Distributive (H)

Nom: _____

Date: _____

Note: _____

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

Ex. 730×2
 $= (700 + 30 + 0) \times (2)$
 $= (700 \times 2) + (30 \times 2) + (0 \times 2)$
 $= 1400 + 60 + 0 = \boxed{1460}$

1. 938×2

6. 400×4

2. 106×2

7. 314×7

3. 735×9

8. 665×9

4. 281×7

9. 254×8

5. 232×5

10. 227×6

Multiplication avec la Propriété Distributive (H) Réponses

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Ex. 730×2

$$\begin{aligned} &= (700 + 30 + 0) \times (2) \\ &= (700 \times 2) + (30 \times 2) + (0 \times 2) \\ &= 1400 + 60 + 0 = \boxed{1460} \end{aligned}$$

1. 938×2

$$\begin{aligned} &= (900 + 30 + 8) \times (2) \\ &= (900 \times 2) + (30 \times 2) + (8 \times 2) \\ &= 1800 + 60 + 16 = \boxed{1876} \end{aligned}$$

6. 400×4

$$\begin{aligned} &= (400 + 0 + 0) \times (4) \\ &= (400 \times 4) + (0 \times 4) + (0 \times 4) \\ &= 1600 + 0 + 0 = \boxed{1600} \end{aligned}$$

2. 106×2

$$\begin{aligned} &= (100 + 0 + 6) \times (2) \\ &= (100 \times 2) + (0 \times 2) + (6 \times 2) \\ &= 200 + 0 + 12 = \boxed{212} \end{aligned}$$

7. 314×7

$$\begin{aligned} &= (300 + 10 + 4) \times (7) \\ &= (300 \times 7) + (10 \times 7) + (4 \times 7) \\ &= 2100 + 70 + 28 = \boxed{2198} \end{aligned}$$

3. 735×9

$$\begin{aligned} &= (700 + 30 + 5) \times (9) \\ &= (700 \times 9) + (30 \times 9) + (5 \times 9) \\ &= 6300 + 270 + 45 = \boxed{6615} \end{aligned}$$

8. 665×9

$$\begin{aligned} &= (600 + 60 + 5) \times (9) \\ &= (600 \times 9) + (60 \times 9) + (5 \times 9) \\ &= 5400 + 540 + 45 = \boxed{5985} \end{aligned}$$

4. 281×7

$$\begin{aligned} &= (200 + 80 + 1) \times (7) \\ &= (200 \times 7) + (80 \times 7) + (1 \times 7) \\ &= 1400 + 560 + 7 = \boxed{1967} \end{aligned}$$

9. 254×8

$$\begin{aligned} &= (200 + 50 + 4) \times (8) \\ &= (200 \times 8) + (50 \times 8) + (4 \times 8) \\ &= 1600 + 400 + 32 = \boxed{2032} \end{aligned}$$

5. 232×5

$$\begin{aligned} &= (200 + 30 + 2) \times (5) \\ &= (200 \times 5) + (30 \times 5) + (2 \times 5) \\ &= 1000 + 150 + 10 = \boxed{1160} \end{aligned}$$

10. 227×6

$$\begin{aligned} &= (200 + 20 + 7) \times (6) \\ &= (200 \times 6) + (20 \times 6) + (7 \times 6) \\ &= 1200 + 120 + 42 = \boxed{1362} \end{aligned}$$