

Multiplication avec la Propriété Distributive (B)

Nom: _____

Date: _____

Note: _____

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

Ex. 736×3
 $= (700 + 30 + 6) \times (3)$
 $= (700 \times 3) + (30 \times 3) + (6 \times 3)$
 $= 2100 + 90 + 18 = \boxed{2208}$

1. 113×4

6. 264×7

2. 889×7

7. 974×4

3. 933×7

8. 235×8

4. 979×6

9. 484×9

5. 555×5

10. 508×8

Multiplication avec la Propriété Distributive (B) Réponses

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1. 113×4

$$\begin{aligned} &= (100 + 10 + 3) \times (4) \\ &= (100 \times 4) + (10 \times 4) + (3 \times 4) \\ &= 400 + 40 + 12 = \boxed{452} \end{aligned}$$

6. 264×7

$$\begin{aligned} &= (200 + 60 + 4) \times (7) \\ &= (200 \times 7) + (60 \times 7) + (4 \times 7) \\ &= 1400 + 420 + 28 = \boxed{1848} \end{aligned}$$

2. 889×7

$$\begin{aligned} &= (800 + 80 + 9) \times (7) \\ &= (800 \times 7) + (80 \times 7) + (9 \times 7) \\ &= 5600 + 560 + 63 = \boxed{6223} \end{aligned}$$

7. 974×4

$$\begin{aligned} &= (900 + 70 + 4) \times (4) \\ &= (900 \times 4) + (70 \times 4) + (4 \times 4) \\ &= 3600 + 280 + 16 = \boxed{3896} \end{aligned}$$

3. 933×7

$$\begin{aligned} &= (900 + 30 + 3) \times (7) \\ &= (900 \times 7) + (30 \times 7) + (3 \times 7) \\ &= 6300 + 210 + 21 = \boxed{6531} \end{aligned}$$

8. 235×8

$$\begin{aligned} &= (200 + 30 + 5) \times (8) \\ &= (200 \times 8) + (30 \times 8) + (5 \times 8) \\ &= 1600 + 240 + 40 = \boxed{1880} \end{aligned}$$

4. 979×6

$$\begin{aligned} &= (900 + 70 + 9) \times (6) \\ &= (900 \times 6) + (70 \times 6) + (9 \times 6) \\ &= 5400 + 420 + 54 = \boxed{5874} \end{aligned}$$

9. 484×9

$$\begin{aligned} &= (400 + 80 + 4) \times (9) \\ &= (400 \times 9) + (80 \times 9) + (4 \times 9) \\ &= 3600 + 720 + 36 = \boxed{4356} \end{aligned}$$

5. 555×5

$$\begin{aligned} &= (500 + 50 + 5) \times (5) \\ &= (500 \times 5) + (50 \times 5) + (5 \times 5) \\ &= 2500 + 250 + 25 = \boxed{2775} \end{aligned}$$

10. 508×8

$$\begin{aligned} &= (500 + 0 + 8) \times (8) \\ &= (500 \times 8) + (0 \times 8) + (8 \times 8) \\ &= 4000 + 0 + 64 = \boxed{4064} \end{aligned}$$