

Multiplication avec la Propriété Distributive (G)

Nom: _____

Date: _____

Note: _____

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

Ex. 492×2
 $= (400 + 90 + 2) \times (2)$
 $= (400 \times 2) + (90 \times 2) + (2 \times 2)$
 $= 800 + 180 + 4 = \boxed{984}$

1. 934×9

6. 877×2

2. 787×4

7. 609×2

3. 963×9

8. 311×7

4. 265×3

9. 601×4

5. 310×5

10. 201×9

Multiplication avec la Propriété Distributive (G) Réponses

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Ex. 492×2

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1. 934×9

$$\begin{aligned} &= (900 + 30 + 4) \times (9) \\ &= (900 \times 9) + (30 \times 9) + (4 \times 9) \\ &= 8100 + 270 + 36 = \boxed{8406} \end{aligned}$$

6. 877×2

$$\begin{aligned} &= (800 + 70 + 7) \times (2) \\ &= (800 \times 2) + (70 \times 2) + (7 \times 2) \\ &= 1600 + 140 + 14 = \boxed{1754} \end{aligned}$$

2. 787×4

$$\begin{aligned} &= (700 + 80 + 7) \times (4) \\ &= (700 \times 4) + (80 \times 4) + (7 \times 4) \\ &= 2800 + 320 + 28 = \boxed{3148} \end{aligned}$$

7. 609×2

$$\begin{aligned} &= (600 + 0 + 9) \times (2) \\ &= (600 \times 2) + (0 \times 2) + (9 \times 2) \\ &= 1200 + 0 + 18 = \boxed{1218} \end{aligned}$$

3. 963×9

$$\begin{aligned} &= (900 + 60 + 3) \times (9) \\ &= (900 \times 9) + (60 \times 9) + (3 \times 9) \\ &= 8100 + 540 + 27 = \boxed{8667} \end{aligned}$$

8. 311×7

$$\begin{aligned} &= (300 + 10 + 1) \times (7) \\ &= (300 \times 7) + (10 \times 7) + (1 \times 7) \\ &= 2100 + 70 + 7 = \boxed{2177} \end{aligned}$$

4. 265×3

$$\begin{aligned} &= (200 + 60 + 5) \times (3) \\ &= (200 \times 3) + (60 \times 3) + (5 \times 3) \\ &= 600 + 180 + 15 = \boxed{795} \end{aligned}$$

9. 601×4

$$\begin{aligned} &= (600 + 0 + 1) \times (4) \\ &= (600 \times 4) + (0 \times 4) + (1 \times 4) \\ &= 2400 + 0 + 4 = \boxed{2404} \end{aligned}$$

5. 310×5

$$\begin{aligned} &= (300 + 10 + 0) \times (5) \\ &= (300 \times 5) + (10 \times 5) + (0 \times 5) \\ &= 1500 + 50 + 0 = \boxed{1550} \end{aligned}$$

10. 201×9

$$\begin{aligned} &= (200 + 0 + 1) \times (9) \\ &= (200 \times 9) + (0 \times 9) + (1 \times 9) \\ &= 1800 + 0 + 9 = \boxed{1809} \end{aligned}$$