

Multiplication avec la Propriété Distributive (H)

Nom: _____

Date: _____

Note: _____

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

Ex. 55×6

$$\begin{aligned} &= (50 + 5) \times (6) \\ &= (50 \times 6) + (5 \times 6) \\ &= 300 + 30 = \boxed{330} \end{aligned}$$

1. 49×9

6. 39×2

2. 57×2

7. 67×4

3. 19×2

8. 39×5

4. 64×8

9. 18×8

5. 88×6

10. 31×3

Multiplication avec la Propriété Distributive (H) Réponses

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Ex. 55×6

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1. 49×9

$$\begin{aligned} &= (40 + 9) \times (9) \\ &= (40 \times 9) + (9 \times 9) \\ &= 360 + 81 = \boxed{441} \end{aligned}$$

6. 39×2

$$\begin{aligned} &= (30 + 9) \times (2) \\ &= (30 \times 2) + (9 \times 2) \\ &= 60 + 18 = \boxed{78} \end{aligned}$$

2. 57×2

$$\begin{aligned} &= (50 + 7) \times (2) \\ &= (50 \times 2) + (7 \times 2) \\ &= 100 + 14 = \boxed{114} \end{aligned}$$

7. 67×4

$$\begin{aligned} &= (60 + 7) \times (4) \\ &= (60 \times 4) + (7 \times 4) \\ &= 240 + 28 = \boxed{268} \end{aligned}$$

3. 19×2

$$\begin{aligned} &= (10 + 9) \times (2) \\ &= (10 \times 2) + (9 \times 2) \\ &= 20 + 18 = \boxed{38} \end{aligned}$$

8. 39×5

$$\begin{aligned} &= (30 + 9) \times (5) \\ &= (30 \times 5) + (9 \times 5) \\ &= 150 + 45 = \boxed{195} \end{aligned}$$

4. 64×8

$$\begin{aligned} &= (60 + 4) \times (8) \\ &= (60 \times 8) + (4 \times 8) \\ &= 480 + 32 = \boxed{512} \end{aligned}$$

9. 18×8

$$\begin{aligned} &= (10 + 8) \times (8) \\ &= (10 \times 8) + (8 \times 8) \\ &= 80 + 64 = \boxed{144} \end{aligned}$$

5. 88×6

$$\begin{aligned} &= (80 + 8) \times (6) \\ &= (80 \times 6) + (8 \times 6) \\ &= 480 + 48 = \boxed{528} \end{aligned}$$

10. 31×3

$$\begin{aligned} &= (30 + 1) \times (3) \\ &= (30 \times 3) + (1 \times 3) \\ &= 90 + 3 = \boxed{93} \end{aligned}$$