



Determining Distributive Property

Name: _____

Rewrite the expression using the distributive property of multiplication and then solve.

1) $5 \times (3 + 7)$

Distributive Property

Answer

2) $9 \times (5 + 7)$

Distributive Property

Answer

3) $5 \times (3 + 9)$

Distributive Property

Answer

4) $4 \times (3 + 6)$

Distributive Property

Answer

5) $6 \times (9 + 8)$

Distributive Property

Answer

6) $5 \times (3 + 6)$

Distributive Property

Answer

7) $9 \times (5 + 8)$

Distributive Property

Answer

8) $8 \times (6 + 8)$

Distributive Property

Answer

9) $9 \times (6 + 5)$

Distributive Property

Answer

10) $8 \times (8 + 6)$

Distributive Property

Answer

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Determining Distributive Property

Name: **Answer Key**

Rewrite the expression using the distributive property of multiplication and then solve.

1) $5 \times (3 + 7)$ $\frac{(5 \times 3) + (5 \times 7)}{\text{Distributive Property}}$ $\frac{50}{\text{Answer}}$

2) $9 \times (5 + 7)$ $\frac{(9 \times 5) + (9 \times 7)}{\text{Distributive Property}}$ $\frac{108}{\text{Answer}}$

3) $5 \times (3 + 9)$ $\frac{(5 \times 3) + (5 \times 9)}{\text{Distributive Property}}$ $\frac{60}{\text{Answer}}$

4) $4 \times (3 + 6)$ $\frac{(4 \times 3) + (4 \times 6)}{\text{Distributive Property}}$ $\frac{36}{\text{Answer}}$

5) $6 \times (9 + 8)$ $\frac{(6 \times 9) + (6 \times 8)}{\text{Distributive Property}}$ $\frac{102}{\text{Answer}}$

6) $5 \times (3 + 6)$ $\frac{(5 \times 3) + (5 \times 6)}{\text{Distributive Property}}$ $\frac{45}{\text{Answer}}$

7) $9 \times (5 + 8)$ $\frac{(9 \times 5) + (9 \times 8)}{\text{Distributive Property}}$ $\frac{117}{\text{Answer}}$

8) $8 \times (6 + 8)$ $\frac{(8 \times 6) + (8 \times 8)}{\text{Distributive Property}}$ $\frac{112}{\text{Answer}}$

9) $9 \times (6 + 5)$ $\frac{(9 \times 6) + (9 \times 5)}{\text{Distributive Property}}$ $\frac{99}{\text{Answer}}$

10) $8 \times (8 + 6)$ $\frac{(8 \times 8) + (8 \times 6)}{\text{Distributive Property}}$ $\frac{112}{\text{Answer}}$

Answers

1. $\frac{(5 \times 3) + (5 \times 7)}{}$ **50**

2. $\frac{(9 \times 5) + (9 \times 7)}{}$ **108**

3. $\frac{(5 \times 3) + (5 \times 9)}{}$ **60**

4. $\frac{(4 \times 3) + (4 \times 6)}{}$ **36**

5. $\frac{(6 \times 9) + (6 \times 8)}{}$ **102**

6. $\frac{(5 \times 3) + (5 \times 6)}{}$ **45**

7. $\frac{(9 \times 5) + (9 \times 8)}{}$ **117**

8. $\frac{(8 \times 6) + (8 \times 8)}{}$ **112**

9. $\frac{(9 \times 6) + (9 \times 5)}{}$ **99**

10. $\frac{(8 \times 8) + (8 \times 6)}{}$ **112**