



Determining Distributive Property

Name: _____

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

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

Distributive Property

Answer

2) $7 \times (8 + 8)$

Distributive Property

Answer

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

Distributive Property

Answer

4) $2 \times (8 + 4)$

Distributive Property

Answer

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

Distributive Property

Answer

6) $8 \times (4 + 3)$

Distributive Property

Answer

7) $2 \times (3 + 6)$

Distributive Property

Answer

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

Distributive Property

Answer

9) $8 \times (3 + 9)$

Distributive Property

Answer

10) $9 \times (8 + 6)$

Distributive Property

Answer

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Answers



Determining Distributive Property

Name: **Answer Key**

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

1) $7 \times (3 + 5)$ $\frac{(7 \times 3) + (7 \times 5)}{\text{Distributive Property}}$ $\frac{56}{\text{Answer}}$

2) $7 \times (8 + 8)$ $\frac{(7 \times 8) + (7 \times 8)}{\text{Distributive Property}}$ $\frac{112}{\text{Answer}}$

3) $5 \times (9 + 9)$ $\frac{(5 \times 9) + (5 \times 9)}{\text{Distributive Property}}$ $\frac{90}{\text{Answer}}$

4) $2 \times (8 + 4)$ $\frac{(2 \times 8) + (2 \times 4)}{\text{Distributive Property}}$ $\frac{24}{\text{Answer}}$

5) $9 \times (9 + 2)$ $\frac{(9 \times 9) + (9 \times 2)}{\text{Distributive Property}}$ $\frac{99}{\text{Answer}}$

6) $8 \times (4 + 3)$ $\frac{(8 \times 4) + (8 \times 3)}{\text{Distributive Property}}$ $\frac{56}{\text{Answer}}$

7) $2 \times (3 + 6)$ $\frac{(2 \times 3) + (2 \times 6)}{\text{Distributive Property}}$ $\frac{18}{\text{Answer}}$

8) $5 \times (8 + 6)$ $\frac{(5 \times 8) + (5 \times 6)}{\text{Distributive Property}}$ $\frac{70}{\text{Answer}}$

9) $8 \times (3 + 9)$ $\frac{(8 \times 3) + (8 \times 9)}{\text{Distributive Property}}$ $\frac{96}{\text{Answer}}$

10) $9 \times (8 + 6)$ $\frac{(9 \times 8) + (9 \times 6)}{\text{Distributive Property}}$ $\frac{126}{\text{Answer}}$

Answers

1. $\frac{(7 \times 3) + (7 \times 5)}{}$ **56**

2. $\frac{(7 \times 8) + (7 \times 8)}{}$ **112**

3. $\frac{(5 \times 9) + (5 \times 9)}{}$ **90**

4. $\frac{(2 \times 8) + (2 \times 4)}{}$ **24**

5. $\frac{(9 \times 9) + (9 \times 2)}{}$ **99**

6. $\frac{(8 \times 4) + (8 \times 3)}{}$ **56**

7. $\frac{(2 \times 3) + (2 \times 6)}{}$ **18**

8. $\frac{(5 \times 8) + (5 \times 6)}{}$ **70**

9. $\frac{(8 \times 3) + (8 \times 9)}{}$ **96**

10. $\frac{(9 \times 8) + (9 \times 6)}{}$ **126**