

## Determining Distributive Property

Name: \_\_\_\_\_

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

1)  $3 \times (9 + 6)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

4)  $7 \times (2 + 2)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

5)  $8 \times (3 + 9)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

6)  $4 \times (4 + 7)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

7)  $8 \times (4 + 5)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

8)  $7 \times (4 + 8)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

9)  $5 \times (5 + 4)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

10)  $4 \times (5 + 8)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

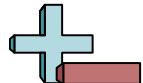
6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



## Determining Distributive Property

Name: **Answer Key**

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

1)  $3 \times (9 + 6)$        $\frac{(3 \times 9) + (3 \times 6)}{\text{Distributive Property}}$        $\frac{45}{\text{Answer}}$

2)  $3 \times (7 + 3)$        $\frac{(3 \times 7) + (3 \times 3)}{\text{Distributive Property}}$        $\frac{30}{\text{Answer}}$

3)  $7 \times (3 + 3)$        $\frac{(7 \times 3) + (7 \times 3)}{\text{Distributive Property}}$        $\frac{42}{\text{Answer}}$

4)  $7 \times (2 + 2)$        $\frac{(7 \times 2) + (7 \times 2)}{\text{Distributive Property}}$        $\frac{28}{\text{Answer}}$

5)  $8 \times (3 + 9)$        $\frac{(8 \times 3) + (8 \times 9)}{\text{Distributive Property}}$        $\frac{96}{\text{Answer}}$

6)  $4 \times (4 + 7)$        $\frac{(4 \times 4) + (4 \times 7)}{\text{Distributive Property}}$        $\frac{44}{\text{Answer}}$

7)  $8 \times (4 + 5)$        $\frac{(8 \times 4) + (8 \times 5)}{\text{Distributive Property}}$        $\frac{72}{\text{Answer}}$

8)  $7 \times (4 + 8)$        $\frac{(7 \times 4) + (7 \times 8)}{\text{Distributive Property}}$        $\frac{84}{\text{Answer}}$

9)  $5 \times (5 + 4)$        $\frac{(5 \times 5) + (5 \times 4)}{\text{Distributive Property}}$        $\frac{45}{\text{Answer}}$

10)  $4 \times (5 + 8)$        $\frac{(4 \times 5) + (4 \times 8)}{\text{Distributive Property}}$        $\frac{52}{\text{Answer}}$

**Answers**

1.  $\frac{(3 \times 9) + (3 \times 6)}{}$       **45**

2.  $\frac{(3 \times 7) + (3 \times 3)}{}$       **30**

3.  $\frac{(7 \times 3) + (7 \times 3)}{}$       **42**

4.  $\frac{(7 \times 2) + (7 \times 2)}{}$       **28**

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

6.  $\frac{(4 \times 4) + (4 \times 7)}{}$       **44**

7.  $\frac{(8 \times 4) + (8 \times 5)}{}$       **72**

8.  $\frac{(7 \times 4) + (7 \times 8)}{}$       **84**

9.  $\frac{(5 \times 5) + (5 \times 4)}{}$       **45**

10.  $\frac{(4 \times 5) + (4 \times 8)}{}$       **52**