



## Determining Distributive Property

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

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

1)  $8 \times (7 + 8)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

2)  $3 \times (8 + 4)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

4)  $3 \times (4 + 5)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

5)  $4 \times (6 + 7)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

8)  $4 \times (9 + 2)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

10)  $5 \times (7 + 2)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

Answers

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

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

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

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

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

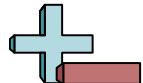
6. \_\_\_\_\_

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

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

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

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



## Determining Distributive Property

Name: **Answer Key**

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

1)  $8 \times (7 + 8)$        $\frac{(8 \times 7) + (8 \times 8)}{\text{Distributive Property}}$

$120$   
Answer

2)  $3 \times (8 + 4)$        $\frac{(3 \times 8) + (3 \times 4)}{\text{Distributive Property}}$

$36$   
Answer

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

$64$   
Answer

4)  $3 \times (4 + 5)$        $\frac{(3 \times 4) + (3 \times 5)}{\text{Distributive Property}}$

$27$   
Answer

5)  $4 \times (6 + 7)$        $\frac{(4 \times 6) + (4 \times 7)}{\text{Distributive Property}}$

$52$   
Answer

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

$88$   
Answer

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

$60$   
Answer

8)  $4 \times (9 + 2)$        $\frac{(4 \times 9) + (4 \times 2)}{\text{Distributive Property}}$

$44$   
Answer

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

$70$   
Answer

10)  $5 \times (7 + 2)$        $\frac{(5 \times 7) + (5 \times 2)}{\text{Distributive Property}}$

$45$   
Answer

**Answers**

1.  $\frac{(8 \times 7) + (8 \times 8)}{}$  **120**

2.  $\frac{(3 \times 8) + (3 \times 4)}{}$  **36**

3.  $\frac{(8 \times 4) + (8 \times 4)}{}$  **64**

4.  $\frac{(3 \times 4) + (3 \times 5)}{}$  **27**

5.  $\frac{(4 \times 6) + (4 \times 7)}{}$  **52**

6.  $\frac{(8 \times 8) + (8 \times 3)}{}$  **88**

7.  $\frac{(6 \times 4) + (6 \times 6)}{}$  **60**

8.  $\frac{(4 \times 9) + (4 \times 2)}{}$  **44**

9.  $\frac{(7 \times 5) + (7 \times 5)}{}$  **70**

10.  $\frac{(5 \times 7) + (5 \times 2)}{}$  **45**