



## Determining Distributive Property

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

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

1)  $2 \times (3 + 5)$

Distributive Property

Answer

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

Distributive Property

Answer

3)  $2 \times (9 + 5)$

Distributive Property

Answer

4)  $7 \times (7 + 9)$

Distributive Property

Answer

5)  $6 \times (3 + 4)$

Distributive Property

Answer

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

Distributive Property

Answer

7)  $3 \times (2 + 8)$

Distributive Property

Answer

8)  $2 \times (7 + 6)$

Distributive Property

Answer

9)  $5 \times (3 + 7)$

Distributive Property

Answer

10)  $6 \times (2 + 7)$

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)  $2 \times (3 + 5)$        $\frac{(2 \times 3) + (2 \times 5)}{\text{Distributive Property}}$

$16$   
\_\_\_\_\_  
Answer

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

$88$   
\_\_\_\_\_  
Answer

3)  $2 \times (9 + 5)$        $\frac{(2 \times 9) + (2 \times 5)}{\text{Distributive Property}}$

$28$   
\_\_\_\_\_  
Answer

4)  $7 \times (7 + 9)$        $\frac{(7 \times 7) + (7 \times 9)}{\text{Distributive Property}}$

$112$   
\_\_\_\_\_  
Answer

5)  $6 \times (3 + 4)$        $\frac{(6 \times 3) + (6 \times 4)}{\text{Distributive Property}}$

$42$   
\_\_\_\_\_  
Answer

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

$104$   
\_\_\_\_\_  
Answer

7)  $3 \times (2 + 8)$        $\frac{(3 \times 2) + (3 \times 8)}{\text{Distributive Property}}$

$30$   
\_\_\_\_\_  
Answer

8)  $2 \times (7 + 6)$        $\frac{(2 \times 7) + (2 \times 6)}{\text{Distributive Property}}$

$26$   
\_\_\_\_\_  
Answer

9)  $5 \times (3 + 7)$        $\frac{(5 \times 3) + (5 \times 7)}{\text{Distributive Property}}$

$50$   
\_\_\_\_\_  
Answer

10)  $6 \times (2 + 7)$        $\frac{(6 \times 2) + (6 \times 7)}{\text{Distributive Property}}$

$54$   
\_\_\_\_\_  
Answer

**Answers**

1.  $\frac{(2 \times 3) + (2 \times 5)}{}$  **16**

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

3.  $\frac{(2 \times 9) + (2 \times 5)}{}$  **28**

4.  $\frac{(7 \times 7) + (7 \times 9)}{}$  **112**

5.  $\frac{(6 \times 3) + (6 \times 4)}{}$  **42**

6.  $\frac{(8 \times 5) + (8 \times 8)}{}$  **104**

7.  $\frac{(3 \times 2) + (3 \times 8)}{}$  **30**

8.  $\frac{(2 \times 7) + (2 \times 6)}{}$  **26**

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

10.  $\frac{(6 \times 2) + (6 \times 7)}{}$  **54**