



## Determining Distributive Property

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

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

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

Distributive Property

Answer

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

Distributive Property

Answer

3)  $6 \times (7 + 5)$

Distributive Property

Answer

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

Distributive Property

Answer

5)  $2 \times (6 + 2)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

10)  $2 \times (3 + 5)$

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

$20$   
Answer

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

$70$   
Answer

3)  $6 \times (7 + 5)$        $\frac{(6 \times 7) + (6 \times 5)}{\text{Distributive Property}}$

$72$   
Answer

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

$27$   
Answer

5)  $2 \times (6 + 2)$        $\frac{(2 \times 6) + (2 \times 2)}{\text{Distributive Property}}$

$16$   
Answer

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

$35$   
Answer

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

$135$   
Answer

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

$144$   
Answer

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

$22$   
Answer

10)  $2 \times (3 + 5)$        $\frac{(2 \times 3) + (2 \times 5)}{\text{Distributive Property}}$

$16$   
Answer

**Answers**

1.  $\frac{(5 \times 2) + (5 \times 2)}{}$  **20**

2.  $\frac{(7 \times 3) + (7 \times 7)}{}$  **70**

3.  $\frac{(6 \times 7) + (6 \times 5)}{}$  **72**

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

5.  $\frac{(2 \times 6) + (2 \times 2)}{}$  **16**

6.  $\frac{(5 \times 4) + (5 \times 3)}{}$  **35**

7.  $\frac{(9 \times 8) + (9 \times 7)}{}$  **135**

8.  $\frac{(9 \times 7) + (9 \times 9)}{}$  **144**

9.  $\frac{(2 \times 9) + (2 \times 2)}{}$  **22**

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