



## Determining Distributive Property

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

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

1)  $8 \times (9 + 4)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

2)  $7 \times (5 + 6)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

5)  $7 \times (4 + 2)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

7)  $9 \times (6 + 2)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

10)  $8 \times (5 + 7)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

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

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

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

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

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

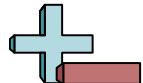
7. \_\_\_\_\_

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

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

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

Answers



## Determining Distributive Property

Name: **Answer Key**

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

1)  $8 \times (9 + 4)$        $\frac{(8 \times 9) + (8 \times 4)}{\text{Distributive Property}}$        $\frac{104}{\text{Answer}}$

2)  $7 \times (5 + 6)$        $\frac{(7 \times 5) + (7 \times 6)}{\text{Distributive Property}}$        $\frac{77}{\text{Answer}}$

3)  $8 \times (6 + 4)$        $\frac{(8 \times 6) + (8 \times 4)}{\text{Distributive Property}}$        $\frac{80}{\text{Answer}}$

4)  $6 \times (5 + 5)$        $\frac{(6 \times 5) + (6 \times 5)}{\text{Distributive Property}}$        $\frac{60}{\text{Answer}}$

5)  $7 \times (4 + 2)$        $\frac{(7 \times 4) + (7 \times 2)}{\text{Distributive Property}}$        $\frac{42}{\text{Answer}}$

6)  $2 \times (7 + 6)$        $\frac{(2 \times 7) + (2 \times 6)}{\text{Distributive Property}}$        $\frac{26}{\text{Answer}}$

7)  $9 \times (6 + 2)$        $\frac{(9 \times 6) + (9 \times 2)}{\text{Distributive Property}}$        $\frac{72}{\text{Answer}}$

8)  $4 \times (4 + 8)$        $\frac{(4 \times 4) + (4 \times 8)}{\text{Distributive Property}}$        $\frac{48}{\text{Answer}}$

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

10)  $8 \times (5 + 7)$        $\frac{(8 \times 5) + (8 \times 7)}{\text{Distributive Property}}$        $\frac{96}{\text{Answer}}$

**Answers**

1.  $\frac{(8 \times 9) + (8 \times 4)}{}$       **104**

2.  $\frac{(7 \times 5) + (7 \times 6)}{}$       **77**

3.  $\frac{(8 \times 6) + (8 \times 4)}{}$       **80**

4.  $\frac{(6 \times 5) + (6 \times 5)}{}$       **60**

5.  $\frac{(7 \times 4) + (7 \times 2)}{}$       **42**

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

7.  $\frac{(9 \times 6) + (9 \times 2)}{}$       **72**

8.  $\frac{(4 \times 4) + (4 \times 8)}{}$       **48**

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

10.  $\frac{(8 \times 5) + (8 \times 7)}{}$       **96**