



## Determining Distributive Property

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

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

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

Distributive Property

Answer

2)  $8 \times (9 + 3)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

9)  $3 \times (7 + 8)$

Distributive Property

Answer

10)  $9 \times (8 + 7)$

Distributive Property

Answer

Answers

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

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

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

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

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

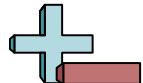
6. \_\_\_\_\_

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

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

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

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



## Determining Distributive Property

Name: **Answer Key**

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

1)  $8 \times (9 + 9)$        $\frac{(8 \times 9) + (8 \times 9)}{\text{Distributive Property}}$        $\frac{144}{\text{Answer}}$

2)  $8 \times (9 + 3)$        $\frac{(8 \times 9) + (8 \times 3)}{\text{Distributive Property}}$        $\frac{96}{\text{Answer}}$

3)  $9 \times (5 + 8)$        $\frac{(9 \times 5) + (9 \times 8)}{\text{Distributive Property}}$        $\frac{117}{\text{Answer}}$

4)  $5 \times (4 + 9)$        $\frac{(5 \times 4) + (5 \times 9)}{\text{Distributive Property}}$        $\frac{65}{\text{Answer}}$

5)  $5 \times (7 + 9)$        $\frac{(5 \times 7) + (5 \times 9)}{\text{Distributive Property}}$        $\frac{80}{\text{Answer}}$

6)  $5 \times (7 + 7)$        $\frac{(5 \times 7) + (5 \times 7)}{\text{Distributive Property}}$        $\frac{70}{\text{Answer}}$

7)  $8 \times (4 + 7)$        $\frac{(8 \times 4) + (8 \times 7)}{\text{Distributive Property}}$        $\frac{88}{\text{Answer}}$

8)  $9 \times (4 + 8)$        $\frac{(9 \times 4) + (9 \times 8)}{\text{Distributive Property}}$        $\frac{108}{\text{Answer}}$

9)  $3 \times (7 + 8)$        $\frac{(3 \times 7) + (3 \times 8)}{\text{Distributive Property}}$        $\frac{45}{\text{Answer}}$

10)  $9 \times (8 + 7)$        $\frac{(9 \times 8) + (9 \times 7)}{\text{Distributive Property}}$        $\frac{135}{\text{Answer}}$

**Answers**

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

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

3.  $\frac{(9 \times 5) + (9 \times 8)}{}$       **117**

4.  $\frac{(5 \times 4) + (5 \times 9)}{}$       **65**

5.  $\frac{(5 \times 7) + (5 \times 9)}{}$       **80**

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

7.  $\frac{(8 \times 4) + (8 \times 7)}{}$       **88**

8.  $\frac{(9 \times 4) + (9 \times 8)}{}$       **108**

9.  $\frac{(3 \times 7) + (3 \times 8)}{}$       **45**

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