



## Determining Distributive Property

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

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

1)  $7 \times (3 + 5)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

5)  $6 \times (9 + 7)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

7)  $5 \times (8 + 9)$

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

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

\_\_\_\_\_

Distributive Property

\_\_\_\_\_

Answer

10)  $2 \times (3 + 8)$

\_\_\_\_\_

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)  $7 \times (3 + 5)$        $\frac{(7 \times 3) + (7 \times 5)}{\text{Distributive Property}}$        $\frac{56}{\text{Answer}}$

2)  $6 \times (7 + 2)$        $\frac{(6 \times 7) + (6 \times 2)}{\text{Distributive Property}}$        $\frac{54}{\text{Answer}}$

3)  $4 \times (3 + 6)$        $\frac{(4 \times 3) + (4 \times 6)}{\text{Distributive Property}}$        $\frac{36}{\text{Answer}}$

4)  $9 \times (4 + 5)$        $\frac{(9 \times 4) + (9 \times 5)}{\text{Distributive Property}}$        $\frac{81}{\text{Answer}}$

5)  $6 \times (9 + 7)$        $\frac{(6 \times 9) + (6 \times 7)}{\text{Distributive Property}}$        $\frac{96}{\text{Answer}}$

6)  $3 \times (6 + 3)$        $\frac{(3 \times 6) + (3 \times 3)}{\text{Distributive Property}}$        $\frac{27}{\text{Answer}}$

7)  $5 \times (8 + 9)$        $\frac{(5 \times 8) + (5 \times 9)}{\text{Distributive Property}}$        $\frac{85}{\text{Answer}}$

8)  $7 \times (2 + 8)$        $\frac{(7 \times 2) + (7 \times 8)}{\text{Distributive Property}}$        $\frac{70}{\text{Answer}}$

9)  $5 \times (3 + 7)$        $\frac{(5 \times 3) + (5 \times 7)}{\text{Distributive Property}}$        $\frac{50}{\text{Answer}}$

10)  $2 \times (3 + 8)$        $\frac{(2 \times 3) + (2 \times 8)}{\text{Distributive Property}}$        $\frac{22}{\text{Answer}}$

**Answers**

1.  $\frac{(7 \times 3) + (7 \times 5)}{}$       **56**

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

3.  $\frac{(4 \times 3) + (4 \times 6)}{}$       **36**

4.  $\frac{(9 \times 4) + (9 \times 5)}{}$       **81**

5.  $\frac{(6 \times 9) + (6 \times 7)}{}$       **96**

6.  $\frac{(3 \times 6) + (3 \times 3)}{}$       **27**

7.  $\frac{(5 \times 8) + (5 \times 9)}{}$       **85**

8.  $\frac{(7 \times 2) + (7 \times 8)}{}$       **70**

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

10.  $\frac{(2 \times 3) + (2 \times 8)}{}$       **22**