



Determining Distributive Property

Name: _____

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

1) $8 \times (6 + 3)$

Distributive Property

Answer

2) $6 \times (2 + 3)$

Distributive Property

Answer

3) $5 \times (7 + 8)$

Distributive Property

Answer

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

Distributive Property

Answer

5) $3 \times (6 + 2)$

Distributive Property

Answer

6) $4 \times (7 + 9)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

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) $8 \times (6 + 3)$
$$\frac{(8 \times 6) + (8 \times 3)}{\text{Distributive Property}}$$
 $\frac{72}{\text{Answer}}$

2) $6 \times (2 + 3)$
$$\frac{(6 \times 2) + (6 \times 3)}{\text{Distributive Property}}$$
 $\frac{30}{\text{Answer}}$

3) $5 \times (7 + 8)$
$$\frac{(5 \times 7) + (5 \times 8)}{\text{Distributive Property}}$$
 $\frac{75}{\text{Answer}}$

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

5) $3 \times (6 + 2)$
$$\frac{(3 \times 6) + (3 \times 2)}{\text{Distributive Property}}$$
 $\frac{24}{\text{Answer}}$

6) $4 \times (7 + 9)$
$$\frac{(4 \times 7) + (4 \times 9)}{\text{Distributive Property}}$$
 $\frac{64}{\text{Answer}}$

7) $2 \times (6 + 6)$
$$\frac{(2 \times 6) + (2 \times 6)}{\text{Distributive Property}}$$
 $\frac{24}{\text{Answer}}$

8) $6 \times (2 + 6)$
$$\frac{(6 \times 2) + (6 \times 6)}{\text{Distributive Property}}$$
 $\frac{48}{\text{Answer}}$

9) $7 \times (7 + 6)$
$$\frac{(7 \times 7) + (7 \times 6)}{\text{Distributive Property}}$$
 $\frac{91}{\text{Answer}}$

10) $8 \times (3 + 8)$
$$\frac{(8 \times 3) + (8 \times 8)}{\text{Distributive Property}}$$
 $\frac{88}{\text{Answer}}$

Answers

1. $\frac{(8 \times 6) + (8 \times 3)}{}$ **72**

2. $\frac{(6 \times 2) + (6 \times 3)}{}$ **30**

3. $\frac{(5 \times 7) + (5 \times 8)}{}$ **75**

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

5. $\frac{(3 \times 6) + (3 \times 2)}{}$ **24**

6. $\frac{(4 \times 7) + (4 \times 9)}{}$ **64**

7. $\frac{(2 \times 6) + (2 \times 6)}{}$ **24**

8. $\frac{(6 \times 2) + (6 \times 6)}{}$ **48**

9. $\frac{(7 \times 7) + (7 \times 6)}{}$ **91**

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