

Determining Distributive Property

Name: _____

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

1) $3 \times (9 + 6)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

7) $8 \times (4 + 5)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

10) $4 \times (5 + 8)$

Distributive Property

Answer

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

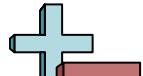
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $3 \times (9 + 6)$ $\frac{(3 \times 9) + (3 \times 6)}{\text{Distributive Property}}$ $\frac{45}{\text{Answer}}$

2) $3 \times (7 + 3)$ $\frac{(3 \times 7) + (3 \times 3)}{\text{Distributive Property}}$ $\frac{30}{\text{Answer}}$

3) $7 \times (3 + 3)$ $\frac{(7 \times 3) + (7 \times 3)}{\text{Distributive Property}}$ $\frac{42}{\text{Answer}}$

4) $7 \times (2 + 2)$ $\frac{(7 \times 2) + (7 \times 2)}{\text{Distributive Property}}$ $\frac{28}{\text{Answer}}$

5) $8 \times (3 + 9)$ $\frac{(8 \times 3) + (8 \times 9)}{\text{Distributive Property}}$ $\frac{96}{\text{Answer}}$

6) $4 \times (4 + 7)$ $\frac{(4 \times 4) + (4 \times 7)}{\text{Distributive Property}}$ $\frac{44}{\text{Answer}}$

7) $8 \times (4 + 5)$ $\frac{(8 \times 4) + (8 \times 5)}{\text{Distributive Property}}$ $\frac{72}{\text{Answer}}$

8) $7 \times (4 + 8)$ $\frac{(7 \times 4) + (7 \times 8)}{\text{Distributive Property}}$ $\frac{84}{\text{Answer}}$

9) $5 \times (5 + 4)$ $\frac{(5 \times 5) + (5 \times 4)}{\text{Distributive Property}}$ $\frac{45}{\text{Answer}}$

10) $4 \times (5 + 8)$ $\frac{(4 \times 5) + (4 \times 8)}{\text{Distributive Property}}$ $\frac{52}{\text{Answer}}$

Answers

1a. $(3 \times 9) + (3 \times 6)$

1b. **45**

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

2b. **30**

3a. $(7 \times 3) + (7 \times 3)$

3b. **42**

4a. $(7 \times 2) + (7 \times 2)$

4b. **28**

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

5b. **96**

6a. $(4 \times 4) + (4 \times 7)$

6b. **44**

7a. $(8 \times 4) + (8 \times 5)$

7b. **72**

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

8b. **84**

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

9b. **45**

10a. $(4 \times 5) + (4 \times 8)$

10b. **52**