



Determining Distributive Property

Name: _____

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

1) $5 \times (8 + 4)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

7) $6 \times (3 + 4)$

Distributive Property

Answer

8) $2 \times (5 + 3)$

Distributive Property

Answer

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

Distributive Property

Answer

10) $5 \times (4 + 7)$

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) $5 \times (8 + 4)$ $\frac{(5 \times 8) + (5 \times 4)}{\text{Distributive Property}}$ $\frac{60}{\text{Answer}}$

2) $4 \times (5 + 2)$ $\frac{(4 \times 5) + (4 \times 2)}{\text{Distributive Property}}$ $\frac{28}{\text{Answer}}$

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

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

5) $9 \times (9 + 6)$ $\frac{(9 \times 9) + (9 \times 6)}{\text{Distributive Property}}$ $\frac{135}{\text{Answer}}$

6) $9 \times (5 + 6)$ $\frac{(9 \times 5) + (9 \times 6)}{\text{Distributive Property}}$ $\frac{99}{\text{Answer}}$

7) $6 \times (3 + 4)$ $\frac{(6 \times 3) + (6 \times 4)}{\text{Distributive Property}}$ $\frac{42}{\text{Answer}}$

8) $2 \times (5 + 3)$ $\frac{(2 \times 5) + (2 \times 3)}{\text{Distributive Property}}$ $\frac{16}{\text{Answer}}$

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

10) $5 \times (4 + 7)$ $\frac{(5 \times 4) + (5 \times 7)}{\text{Distributive Property}}$ $\frac{55}{\text{Answer}}$

Answers

1. $\frac{(5 \times 8) + (5 \times 4)}{}$ **60**

2. $\frac{(4 \times 5) + (4 \times 2)}{}$ **28**

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

4. $\frac{(4 \times 7) + (4 \times 4)}{}$ **44**

5. $\frac{(9 \times 9) + (9 \times 6)}{}$ **135**

6. $\frac{(9 \times 5) + (9 \times 6)}{}$ **99**

7. $\frac{(6 \times 3) + (6 \times 4)}{}$ **42**

8. $\frac{(2 \times 5) + (2 \times 3)}{}$ **16**

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

10. $\frac{(5 \times 4) + (5 \times 7)}{}$ **55**