



Determining Distributive Property

Name: _____

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

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

Distributive Property

Answer

2) $6 \times (7 + 8)$

Distributive Property

Answer

3) $8 \times (6 + 4)$

Distributive Property

Answer

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

Distributive Property

Answer

5) $8 \times (6 + 8)$

Distributive Property

Answer

6) $2 \times (4 + 3)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

9) $9 \times (3 + 4)$

Distributive Property

Answer

10) $6 \times (7 + 6)$

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

2) $6 \times (7 + 8)$ $\frac{(6 \times 7) + (6 \times 8)}{\text{Distributive Property}}$ $\frac{90}{\text{Answer}}$

3) $8 \times (6 + 4)$ $\frac{(8 \times 6) + (8 \times 4)}{\text{Distributive Property}}$ $\frac{80}{\text{Answer}}$

4) $4 \times (4 + 8)$ $\frac{(4 \times 4) + (4 \times 8)}{\text{Distributive Property}}$ $\frac{48}{\text{Answer}}$

5) $8 \times (6 + 8)$ $\frac{(8 \times 6) + (8 \times 8)}{\text{Distributive Property}}$ $\frac{112}{\text{Answer}}$

6) $2 \times (4 + 3)$ $\frac{(2 \times 4) + (2 \times 3)}{\text{Distributive Property}}$ $\frac{14}{\text{Answer}}$

7) $2 \times (3 + 7)$ $\frac{(2 \times 3) + (2 \times 7)}{\text{Distributive Property}}$ $\frac{20}{\text{Answer}}$

8) $9 \times (4 + 4)$ $\frac{(9 \times 4) + (9 \times 4)}{\text{Distributive Property}}$ $\frac{72}{\text{Answer}}$

9) $9 \times (3 + 4)$ $\frac{(9 \times 3) + (9 \times 4)}{\text{Distributive Property}}$ $\frac{63}{\text{Answer}}$

10) $6 \times (7 + 6)$ $\frac{(6 \times 7) + (6 \times 6)}{\text{Distributive Property}}$ $\frac{78}{\text{Answer}}$

Answers

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

2. $\frac{(6 \times 7) + (6 \times 8)}{}$ **90**

3. $\frac{(8 \times 6) + (8 \times 4)}{}$ **80**

4. $\frac{(4 \times 4) + (4 \times 8)}{}$ **48**

5. $\frac{(8 \times 6) + (8 \times 8)}{}$ **112**

6. $\frac{(2 \times 4) + (2 \times 3)}{}$ **14**

7. $\frac{(2 \times 3) + (2 \times 7)}{}$ **20**

8. $\frac{(9 \times 4) + (9 \times 4)}{}$ **72**

9. $\frac{(9 \times 3) + (9 \times 4)}{}$ **63**

10. $\frac{(6 \times 7) + (6 \times 6)}{}$ **78**