



Determining Distributive Property

Name: _____

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

1) $6 \times (7 + 6)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

6) $8 \times (7 + 9)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

10) $6 \times (7 + 9)$

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

2) $3 \times (2 + 3)$ $\frac{(3 \times 2) + (3 \times 3)}{\text{Distributive Property}}$ $\frac{15}{\text{Answer}}$

3) $6 \times (3 + 9)$ $\frac{(6 \times 3) + (6 \times 9)}{\text{Distributive Property}}$ $\frac{72}{\text{Answer}}$

4) $9 \times (6 + 7)$ $\frac{(9 \times 6) + (9 \times 7)}{\text{Distributive Property}}$ $\frac{117}{\text{Answer}}$

5) $8 \times (7 + 3)$ $\frac{(8 \times 7) + (8 \times 3)}{\text{Distributive Property}}$ $\frac{80}{\text{Answer}}$

6) $8 \times (7 + 9)$ $\frac{(8 \times 7) + (8 \times 9)}{\text{Distributive Property}}$ $\frac{128}{\text{Answer}}$

7) $9 \times (6 + 7)$ $\frac{(9 \times 6) + (9 \times 7)}{\text{Distributive Property}}$ $\frac{117}{\text{Answer}}$

8) $6 \times (5 + 5)$ $\frac{(6 \times 5) + (6 \times 5)}{\text{Distributive Property}}$ $\frac{60}{\text{Answer}}$

9) $6 \times (6 + 9)$ $\frac{(6 \times 6) + (6 \times 9)}{\text{Distributive Property}}$ $\frac{90}{\text{Answer}}$

10) $6 \times (7 + 9)$ $\frac{(6 \times 7) + (6 \times 9)}{\text{Distributive Property}}$ $\frac{96}{\text{Answer}}$

Answers

1. $\frac{(6 \times 7) + (6 \times 6)}{} = \underline{\quad \quad \quad}$ **78**

2. $\frac{(3 \times 2) + (3 \times 3)}{} = \underline{\quad \quad \quad}$ **15**

3. $\frac{(6 \times 3) + (6 \times 9)}{} = \underline{\quad \quad \quad}$ **72**

4. $\frac{(9 \times 6) + (9 \times 7)}{} = \underline{\quad \quad \quad}$ **117**

5. $\frac{(8 \times 7) + (8 \times 3)}{} = \underline{\quad \quad \quad}$ **80**

6. $\frac{(8 \times 7) + (8 \times 9)}{} = \underline{\quad \quad \quad}$ **128**

7. $\frac{(9 \times 6) + (9 \times 7)}{} = \underline{\quad \quad \quad}$ **117**

8. $\frac{(6 \times 5) + (6 \times 5)}{} = \underline{\quad \quad \quad}$ **60**

9. $\frac{(6 \times 6) + (6 \times 9)}{} = \underline{\quad \quad \quad}$ **90**

10. $\frac{(6 \times 7) + (6 \times 9)}{} = \underline{\quad \quad \quad}$ **96**