



Determining Distributive Property

Name: _____

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

1) $7 \times (5 + 3)$

Distributive Property

Answer

2) $9 \times (2 + 4)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

5) $9 \times (2 + 2)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

8) $3 \times (4 + 9)$

Distributive Property

Answer

9) $6 \times (2 + 4)$

Distributive Property

Answer

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

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) $7 \times (5 + 3)$ $\frac{(7 \times 5) + (7 \times 3)}{\text{Distributive Property}}$ $\frac{56}{\text{Answer}}$

2) $9 \times (2 + 4)$ $\frac{(9 \times 2) + (9 \times 4)}{\text{Distributive Property}}$ $\frac{54}{\text{Answer}}$

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

4) $9 \times (9 + 9)$ $\frac{(9 \times 9) + (9 \times 9)}{\text{Distributive Property}}$ $\frac{162}{\text{Answer}}$

5) $9 \times (2 + 2)$ $\frac{(9 \times 2) + (9 \times 2)}{\text{Distributive Property}}$ $\frac{36}{\text{Answer}}$

6) $4 \times (7 + 7)$ $\frac{(4 \times 7) + (4 \times 7)}{\text{Distributive Property}}$ $\frac{56}{\text{Answer}}$

7) $6 \times (2 + 7)$ $\frac{(6 \times 2) + (6 \times 7)}{\text{Distributive Property}}$ $\frac{54}{\text{Answer}}$

8) $3 \times (4 + 9)$ $\frac{(3 \times 4) + (3 \times 9)}{\text{Distributive Property}}$ $\frac{39}{\text{Answer}}$

9) $6 \times (2 + 4)$ $\frac{(6 \times 2) + (6 \times 4)}{\text{Distributive Property}}$ $\frac{36}{\text{Answer}}$

10) $8 \times (5 + 8)$ $\frac{(8 \times 5) + (8 \times 8)}{\text{Distributive Property}}$ $\frac{104}{\text{Answer}}$

Answers

1. $\frac{(7 \times 5) + (7 \times 3)}{}$ **56**

2. $\frac{(9 \times 2) + (9 \times 4)}{}$ **54**

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

4. $\frac{(9 \times 9) + (9 \times 9)}{}$ **162**

5. $\frac{(9 \times 2) + (9 \times 2)}{}$ **36**

6. $\frac{(4 \times 7) + (4 \times 7)}{}$ **56**

7. $\frac{(6 \times 2) + (6 \times 7)}{}$ **54**

8. $\frac{(3 \times 4) + (3 \times 9)}{}$ **39**

9. $\frac{(6 \times 2) + (6 \times 4)}{}$ **36**

10. $\frac{(8 \times 5) + (8 \times 8)}{}$ **104**