

Determining Distributive Property

Name: _____

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

1) $6 \times (5 + 6)$

Distributive Property

Answer

2) $7 \times (9 + 5)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

5) $4 \times (7 + 9)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

8) $9 \times (9 + 2)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

AnswerAnswers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

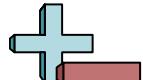
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $6 \times (5 + 6)$ $\frac{(6 \times 5) + (6 \times 6)}{\text{Distributive Property}}$

$\frac{66}{\text{Answer}}$

Answers

1a. $(6 \times 5) + (6 \times 6)$

1b. **66**

2) $7 \times (9 + 5)$ $\frac{(7 \times 9) + (7 \times 5)}{\text{Distributive Property}}$

$\frac{98}{\text{Answer}}$

2a. **66**

2b. **98**

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

$\frac{48}{\text{Answer}}$

3a. **48**

3b. **48**

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

$\frac{120}{\text{Answer}}$

4a. **120**

4b. **120**

5) $4 \times (7 + 9)$ $\frac{(4 \times 7) + (4 \times 9)}{\text{Distributive Property}}$

$\frac{64}{\text{Answer}}$

5a. **64**

5b. **64**

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

$\frac{54}{\text{Answer}}$

6a. **54**

6b. **54**

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

$\frac{60}{\text{Answer}}$

7a. **60**

7b. **60**

8) $9 \times (9 + 2)$ $\frac{(9 \times 9) + (9 \times 2)}{\text{Distributive Property}}$

$\frac{99}{\text{Answer}}$

8a. **99**

8b. **99**

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

$\frac{96}{\text{Answer}}$

9a. **96**

9b. **96**

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

$\frac{78}{\text{Answer}}$

10a. **78**

10b. **78**