

Determining Distributive Property

Name: _____

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

1) $8 \times (9 + 3)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

5) $9 \times (9 + 8)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

9) $3 \times (5 + 9)$

Distributive Property

Answer

10) $6 \times (5 + 5)$

Distributive Property

Answer**Answers**

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

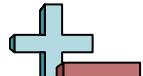
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $8 \times (9 + 3)$ $\frac{(8 \times 9) + (8 \times 3)}{\text{Distributive Property}}$

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

Answers

1a. $(8 \times 9) + (8 \times 3)$

1b. 96

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

$\frac{22}{\text{Answer}}$

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

2b. 22

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

$\frac{14}{\text{Answer}}$

3a. $(2 \times 5) + (2 \times 2)$

3b. 14

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

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

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

4b. 99

5) $9 \times (9 + 8)$ $\frac{(9 \times 9) + (9 \times 8)}{\text{Distributive Property}}$

$\frac{153}{\text{Answer}}$

5a. $(9 \times 9) + (9 \times 8)$

5b. 153

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

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

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

6b. 78

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

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

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

7b. 48

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

$\frac{28}{\text{Answer}}$

8a. $(2 \times 6) + (2 \times 8)$

8b. 28

9) $3 \times (5 + 9)$ $\frac{(3 \times 5) + (3 \times 9)}{\text{Distributive Property}}$

$\frac{42}{\text{Answer}}$

9a. $(3 \times 5) + (3 \times 9)$

9b. 42

10) $6 \times (5 + 5)$ $\frac{(6 \times 5) + (6 \times 5)}{\text{Distributive Property}}$

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

10a. $(6 \times 5) + (6 \times 5)$

10b. 60