



Determining Distributive Property

Name: _____

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

Answers

1) $8 \times (5 + 4)$

Distributive Property

Answer

1a. _____

2) $3 \times (8 + 7)$

Distributive Property

Answer

1b. _____

3) $5 \times (2 + 9)$

Distributive Property

Answer

2a. _____

4) $7 \times (3 + 9)$

Distributive Property

Answer

2b. _____

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

Distributive Property

Answer

3a. _____

6) $5 \times (2 + 3)$

Distributive Property

Answer

3b. _____

7) $8 \times (9 + 3)$

Distributive Property

Answer

4a. _____

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

Distributive Property

Answer

4b. _____

9) $5 \times (4 + 6)$

Distributive Property

Answer

5a. _____

10) $6 \times (4 + 9)$

Distributive Property

Answer

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) $8 \times (5 + 4)$

$$\frac{(8 \times 5) + (8 \times 4)}{\text{Distributive Property}}$$

$$\frac{72}{\text{Answer}}$$

2) $3 \times (8 + 7)$

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

$$\frac{45}{\text{Answer}}$$

3) $5 \times (2 + 9)$

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

$$\frac{55}{\text{Answer}}$$

4) $7 \times (3 + 9)$

$$\frac{(7 \times 3) + (7 \times 9)}{\text{Distributive Property}}$$

$$\frac{84}{\text{Answer}}$$

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

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

$$\frac{24}{\text{Answer}}$$

6) $5 \times (2 + 3)$

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

$$\frac{25}{\text{Answer}}$$

7) $8 \times (9 + 3)$

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

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

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

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

$$\frac{56}{\text{Answer}}$$

9) $5 \times (4 + 6)$

$$\frac{(5 \times 4) + (5 \times 6)}{\text{Distributive Property}}$$

$$\frac{50}{\text{Answer}}$$

10) $6 \times (4 + 9)$

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

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

Answers

1a. $(8 \times 5) + (8 \times 4)$

72

2a. $(3 \times 8) + (3 \times 7)$

45

3a. $(5 \times 2) + (5 \times 9)$

55

4a. $(7 \times 3) + (7 \times 9)$

84

5a. $(2 \times 5) + (2 \times 7)$

24

6a. $(5 \times 2) + (5 \times 3)$

25

7a. $(8 \times 9) + (8 \times 3)$

96

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

56

9a. $(5 \times 4) + (5 \times 6)$

50

10a. $(6 \times 4) + (6 \times 9)$

78