



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

**Answers**

1)  $6 \times (2 + 4)$

\_\_\_\_\_  
Distributive Property\_\_\_\_\_  
Answer

1a. \_\_\_\_\_

1b. \_\_\_\_\_

2)  $8 \times (3 + 5)$

\_\_\_\_\_  
Distributive Property\_\_\_\_\_  
Answer

2a. \_\_\_\_\_

2b. \_\_\_\_\_

3)  $5 \times (4 + 8)$

\_\_\_\_\_  
Distributive Property\_\_\_\_\_  
Answer

3a. \_\_\_\_\_

3b. \_\_\_\_\_

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

\_\_\_\_\_  
Distributive Property\_\_\_\_\_  
Answer

4a. \_\_\_\_\_

4b. \_\_\_\_\_

5)  $4 \times (2 + 6)$

\_\_\_\_\_  
Distributive Property\_\_\_\_\_  
Answer

5a. \_\_\_\_\_

5b. \_\_\_\_\_

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

\_\_\_\_\_  
Distributive Property\_\_\_\_\_  
Answer

6a. \_\_\_\_\_

6b. \_\_\_\_\_

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

\_\_\_\_\_  
Distributive Property\_\_\_\_\_  
Answer

7a. \_\_\_\_\_

7b. \_\_\_\_\_

8)  $5 \times (4 + 6)$

\_\_\_\_\_  
Distributive Property\_\_\_\_\_  
Answer

8a. \_\_\_\_\_

8b. \_\_\_\_\_

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

\_\_\_\_\_  
Distributive Property\_\_\_\_\_  
Answer

9a. \_\_\_\_\_

9b. \_\_\_\_\_

10)  $5 \times (2 + 6)$

\_\_\_\_\_  
Distributive Property\_\_\_\_\_  
Answer

10a. \_\_\_\_\_

10b. \_\_\_\_\_



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

Answers

1)  $6 \times (2 + 4)$

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

Distributive Property

$$\frac{36}{\text{Answer}}$$

Answer

1a.  $\frac{(6 \times 2) + (6 \times 4)}{\text{Answer}}$

1b.  $\frac{36}{\text{Answer}}$

2)  $8 \times (3 + 5)$

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

Distributive Property

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

Answer

2a.  $\frac{(8 \times 3) + (8 \times 5)}{\text{Answer}}$

2b.  $\frac{64}{\text{Answer}}$

3)  $5 \times (4 + 8)$

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

Distributive Property

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

Answer

3a.  $\frac{(5 \times 4) + (5 \times 8)}{\text{Answer}}$

3b.  $\frac{60}{\text{Answer}}$

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

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

Distributive Property

$$\frac{136}{\text{Answer}}$$

Answer

4a.  $\frac{(8 \times 8) + (8 \times 9)}{\text{Answer}}$

4b.  $\frac{136}{\text{Answer}}$

5)  $4 \times (2 + 6)$

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

Distributive Property

$$\frac{32}{\text{Answer}}$$

Answer

5a.  $\frac{(4 \times 2) + (4 \times 6)}{\text{Answer}}$

5b.  $\frac{32}{\text{Answer}}$

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

$$\frac{(5 \times 9) + (5 \times 6)}{\text{Distributive Property}}$$

Distributive Property

$$\frac{75}{\text{Answer}}$$

Answer

6a.  $\frac{(5 \times 9) + (5 \times 6)}{\text{Answer}}$

6b.  $\frac{75}{\text{Answer}}$

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

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

Distributive Property

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

Answer

7a.  $\frac{(8 \times 9) + (8 \times 3)}{\text{Answer}}$

7b.  $\frac{96}{\text{Answer}}$

8)  $5 \times (4 + 6)$

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

Distributive Property

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

Answer

8a.  $\frac{(5 \times 4) + (5 \times 6)}{\text{Answer}}$

8b.  $\frac{50}{\text{Answer}}$

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

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

Distributive Property

$$\frac{63}{\text{Answer}}$$

Answer

9a.  $\frac{(7 \times 2) + (7 \times 7)}{\text{Answer}}$

9b.  $\frac{63}{\text{Answer}}$

10)  $5 \times (2 + 6)$

$$\frac{(5 \times 2) + (5 \times 6)}{\text{Distributive Property}}$$

Distributive Property

$$\frac{40}{\text{Answer}}$$

Answer

10a.  $\frac{(5 \times 2) + (5 \times 6)}{\text{Answer}}$

10b.  $\frac{40}{\text{Answer}}$