



## Determining Distributive Property

Name: \_\_\_\_\_

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

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

7)  $6 \times (3 + 4)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

10)  $5 \times (4 + 7)$

Distributive Property

Answer

Answers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

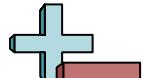
8b. \_\_\_\_\_

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

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

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

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



## Determining Distributive Property

Name: **Answer Key**

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

1)  $5 \times (8 + 4)$        $\frac{(5 \times 8) + (5 \times 4)}{\text{Distributive Property}}$        $\frac{60}{\text{Answer}}$

2)  $4 \times (5 + 2)$        $\frac{(4 \times 5) + (4 \times 2)}{\text{Distributive Property}}$        $\frac{28}{\text{Answer}}$

3)  $2 \times (3 + 8)$        $\frac{(2 \times 3) + (2 \times 8)}{\text{Distributive Property}}$        $\frac{22}{\text{Answer}}$

4)  $4 \times (7 + 4)$        $\frac{(4 \times 7) + (4 \times 4)}{\text{Distributive Property}}$        $\frac{44}{\text{Answer}}$

5)  $9 \times (9 + 6)$        $\frac{(9 \times 9) + (9 \times 6)}{\text{Distributive Property}}$        $\frac{135}{\text{Answer}}$

6)  $9 \times (5 + 6)$        $\frac{(9 \times 5) + (9 \times 6)}{\text{Distributive Property}}$        $\frac{99}{\text{Answer}}$

7)  $6 \times (3 + 4)$        $\frac{(6 \times 3) + (6 \times 4)}{\text{Distributive Property}}$        $\frac{42}{\text{Answer}}$

8)  $2 \times (5 + 3)$        $\frac{(2 \times 5) + (2 \times 3)}{\text{Distributive Property}}$        $\frac{16}{\text{Answer}}$

9)  $9 \times (8 + 8)$        $\frac{(9 \times 8) + (9 \times 8)}{\text{Distributive Property}}$        $\frac{144}{\text{Answer}}$

10)  $5 \times (4 + 7)$        $\frac{(5 \times 4) + (5 \times 7)}{\text{Distributive Property}}$        $\frac{55}{\text{Answer}}$

**Answers**

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

1b.  $60$

2a.  $(4 \times 5) + (4 \times 2)$

2b.  $28$

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

3b.  $22$

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

4b.  $44$

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

5b.  $135$

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

6b.  $99$

7a.  $(6 \times 3) + (6 \times 4)$

7b.  $42$

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

8b.  $16$

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

9b.  $144$

10a.  $(5 \times 4) + (5 \times 7)$

10b.  $55$