

## Determining Distributive Property

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

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

1)  $6 \times (8 + 7)$

Distributive Property

Answer

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

Distributive Property

Answer

3)  $9 \times (7 + 5)$

Distributive Property

Answer

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

Distributive Property

Answer

5)  $2 \times (3 + 7)$

Distributive Property

Answer

6)  $6 \times (7 + 5)$

Distributive Property

Answer

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

Distributive Property

Answer

8)  $4 \times (7 + 5)$

Distributive Property

Answer

9)  $4 \times (6 + 8)$

Distributive Property

Answer

10)  $8 \times (5 + 9)$

Distributive Property

Answer

Answers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

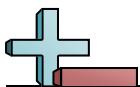
8b. \_\_\_\_\_

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

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

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

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



## Determining Distributive Property

Name: **Answer Key**

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

1)  $6 \times (8 + 7)$        $\frac{(6 \times 8) + (6 \times 7)}{\text{Distributive Property}}$        $\frac{90}{\text{Answer}}$

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

3)  $9 \times (7 + 5)$        $\frac{(9 \times 7) + (9 \times 5)}{\text{Distributive Property}}$        $\frac{108}{\text{Answer}}$

4)  $4 \times (9 + 3)$        $\frac{(4 \times 9) + (4 \times 3)}{\text{Distributive Property}}$        $\frac{48}{\text{Answer}}$

5)  $2 \times (3 + 7)$        $\frac{(2 \times 3) + (2 \times 7)}{\text{Distributive Property}}$        $\frac{20}{\text{Answer}}$

6)  $6 \times (7 + 5)$        $\frac{(6 \times 7) + (6 \times 5)}{\text{Distributive Property}}$        $\frac{72}{\text{Answer}}$

7)  $7 \times (2 + 2)$        $\frac{(7 \times 2) + (7 \times 2)}{\text{Distributive Property}}$        $\frac{28}{\text{Answer}}$

8)  $4 \times (7 + 5)$        $\frac{(4 \times 7) + (4 \times 5)}{\text{Distributive Property}}$        $\frac{48}{\text{Answer}}$

9)  $4 \times (6 + 8)$        $\frac{(4 \times 6) + (4 \times 8)}{\text{Distributive Property}}$        $\frac{56}{\text{Answer}}$

10)  $8 \times (5 + 9)$        $\frac{(8 \times 5) + (8 \times 9)}{\text{Distributive Property}}$        $\frac{112}{\text{Answer}}$

**Answers**

1a.  $(6 \times 8) + (6 \times 7)$

1b.  $90$

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

2b.  $22$

3a.  $(9 \times 7) + (9 \times 5)$

3b.  $108$

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

4b.  $48$

5a.  $(2 \times 3) + (2 \times 7)$

5b.  $20$

6a.  $(6 \times 7) + (6 \times 5)$

6b.  $72$

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

7b.  $28$

8a.  $(4 \times 7) + (4 \times 5)$

8b.  $48$

9a.  $(4 \times 6) + (4 \times 8)$

9b.  $56$

10a.  $(8 \times 5) + (8 \times 9)$

10b.  $112$