



Challenge!

Determining Distributive Property

Name: _____

Rewrite the expression using the distributive property of multiplication:

1) $6 \times (5y + 3)$

$(6 \times 5y) + (3 \times 6)$
Distributive Property

$30 + 18$
Answer

1a. $(6 \times 5y) + (3 \times 6)$

1b. $30y + 18$

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

Distributive Property

Answer

2a. _____

2b. _____

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

Distributive Property

Answer

3a. _____

3b. _____

4) $2 \times (7y + 4)$

Distributive Property

Answer

4a. _____

4b. _____

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

Distributive Property

Answer

5a. _____

5b. _____

6) $2 \times (9a + 2)$

Distributive Property

Answer

6a. _____

6b. _____

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

Distributive Property

Answer

7a. _____

7b. _____

8) $2 \times (7b + 9)$

Distributive Property

Answer

8a. _____

8b. _____

9) $8 \times (2b + 7)$

Distributive Property

Answer

9a. _____

9b. _____

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

Distributive Property

Answer

10a. _____

10b. _____

Answers