


Combining Like Terms and Distributive Property Practice

Name: _____

Simplify each of the following expressions.

Date: _____

1) 
 $4x + 5(3x - 2)$

Draw arrows to indicate the distributive property

$4x + \boxed{5 \cdot 3x} - \boxed{5 \cdot 2}$
 $4x + 15x - 10$

Fill in the blanks with the terms that are being multiplied.

Find the product.

$4x + 15x - 10$

Rewrite the expression with the like terms next to each other.

$19x - 10$

Combine like terms.

$19x - 10$

Circle your final answer.

Hint: SMATO before you begin

2) $5 - 2(8x + 4)$

Draw arrows to indicate the distributive property

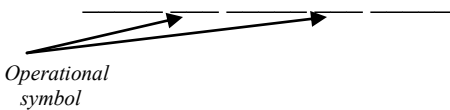
$5 + \underline{\quad} \cdot \underline{\quad} + \underline{\quad} \cdot \underline{\quad}$

Fill in the blanks with the terms that are being multiplied.

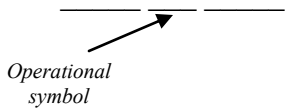
$5 + \underline{\quad} + \underline{\quad}$

Find the product.

Rewrite the expression with the like terms next to each other.



Combine like terms.



Circle your final answer.

3) $7 + 6x + 9(x + 1)$

Draw arrows to indicate the distributive property

$7 + 6x + \underline{\quad} \cdot \underline{\quad} + \underline{\quad} \cdot \underline{\quad}$

Fill in the blanks with the terms that are being multiplied.

$7 + 6x + \underline{\quad} + \underline{\quad}$

Find the product.

Rewrite the expression with the like terms next to each

Combine like terms.

Circle your final answer.

4)

$$8 + 7(7n - 4)$$

Draw arrows to indicate the distributive property

$$8 + \underline{\quad} \cdot \underline{\quad} - \underline{\quad} \cdot \underline{\quad}$$

Fill in the blanks with the terms that are being multiplied.

$$8 + \underline{\quad} - \underline{\quad}$$

Find the product.

$$\underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad}$$

Rewrite the expression with the like terms next to each other.

$$\underline{\quad} \underline{\quad} \underline{\quad}$$

Combine like terms.

Circle your final answer.

5)

$$-6(-2x + 5)$$

Hint: SMATO before you begin

Draw arrows to indicate the distributive property

$$\underline{\quad} \cdot \underline{\quad} + \underline{\quad} \cdot \underline{\quad}$$

Fill in the blanks with the terms that are being multiplied.

$$\underline{\quad} + \underline{\quad}$$

Find the product.

Circle your final answer.

6)

$$-3(x - (-3)) + 4x$$

Draw arrows to indicate the distributive property

$$\underline{\quad} \cdot \underline{\quad} - \underline{\quad} \cdot \underline{\quad} + 4x$$

Fill in the blanks with the terms that are being multiplied.

$$\underline{\quad} - \underline{\quad} + 4x$$

Find the product.

$$\underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad}$$

Rewrite the expression with the like terms next to each

$$\underline{\quad} \underline{\quad} \underline{\quad}$$

Combine like terms.

Circle your final answer.