

Name:

Date:

Distributive Property and Combining Like Terms

Distribute, then combine like terms to simplify each expression..

1

$$-2(x + 5) - 3(-x + 7)$$

2

$$4(x - 6) - 2(x + 3)$$

3

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

4

$$-4(x + 6) + 6(-x + 3)$$

5

$$7(-x + 2) - 3(x - 5)$$

6

$$2(3x + 5) - 3(2x - 7)$$

7

$$-2(4x - 1) + 5(-3x + 8)$$

8

$$-3(2x + 7) - 4(-x + 6)$$

9

$$5(-2x + 3) - 6(-3x - 4)$$

10

$$-7(3x - 2) + 4(-5x + 9)$$

Distributive Property and Combining Like Terms

Distribute, then combine like terms to simplify each expression..

1

$$-2(x + 5) - 3(-x + 7)$$

$$\underline{x - 31}$$

2

$$4(x - 6) - 2(x + 3)$$

$$\underline{2x - 30}$$

3

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

$$\underline{-11x + 2}$$

4

$$-4(x + 6) + 6(-x + 3)$$

$$\underline{-10x - 6}$$

5

$$7(-x + 2) - 3(x - 5)$$

$$\underline{-10x + 29}$$

6

$$2(3x + 5) - 3(2x - 7)$$

$$\underline{31}$$

7

$$-2(4x - 1) + 5(-3x + 8)$$

$$\underline{-23x + 42}$$

8

$$-3(2x + 7) - 4(-x + 6)$$

$$\underline{-2x - 45}$$

9

$$5(-2x + 3) - 6(-3x - 4)$$

$$\underline{8x + 39}$$

10

$$-7(3x - 2) + 4(-5x + 9)$$

$$\underline{-41x + 50}$$