



Combining Like Terms with Distributive Property

Version 2

Name: _____

Date: _____

Score: _____

Direction: Simplify each expression by combining like terms. Apply the distributive property when appropriate.

1) $-7x + 3y - 12x - y$

2) $14y - 2y - 17 + 6x - x - 13y$

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

4) $-7(y - x + 2) - 4(-x - 9y - 1)$

5) $-x^2 - 9x - 2[-3x^2 - 4x - 2(-x - 5)]$



Name: _____ ANSWER KEY

Date: _____

Score: _____

Direction: Simplify each expression by combining like terms. Apply the distributive property when appropriate.

1) $-7x + 3y - 12x - y$

$2y - 19x$

2) $14y - 2y - 17 + 6x - x - 13y$

$5x - y - 17$

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

$3x^2 - 5x + 10$

4) $-7(y - x + 2) - 4(-x - 9y - 1)$

$29y + 11x - 10$

5) $-x^2 - 9x - 2[-3x^2 - 4x - 2(-x - 5)]$

$5x^2 - 5x - 20$