

Combining like Terms with addition, subtraction, parentheses and opposite of

Name: _____

Period: _____

Simplify each of the following algebraic expressions.

1. $5y^2 + 6y - 3y^2 - 2 - y + 20$

2. $(5x^3 - x^2 + 4) - (1x^3 - 2x^2 + 7)$

3. $-(x^2 - 4x) + (x^2 + 4x + 9)$

4. $-(y - 18 + 2x + 2) + (-5x + 7 + x - 2y)$

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

6. $-(2x - 11x^2 + 3) - (x^2 + 4 - 3x)$

7. $x - 2x^2 + 12 - 2x^2 + -5 - 7x$

8. $-(2x^2 + 3) - (x - 4) + (x^2 - 4x)$

9. $-(1y^3 + y - 1) - (4y^3 + 3y + 3)$

10. $-(6c^2 - c + 4 + 3c) - (5 + c^2 - 5c)$