

Name: _____

Algebra Practice Problems

1. $3x^2 - 5 - (2x^2 - 6 - 4x^2)$

2. $4x^3 + 10y - (2x^3 - 4y + 3x^3)$

3. $(3xy + 9 - 7xy) + (3xy + 2) - 3x + x$

4. $2x(3x - 8 - x + 15 - y)$

5. $-(3x - 9 - x - y + 3) - (-4x + 5 - 2x)$

6. $-8rs + 25 + 2s + 10rs + -5 + 12s$

7. $8y - 2xy + 4x + 2 - y$

8. $-(y - 18 + 2x + 5) + 3(-5x + 7 + -x - 2y)$

9. $-2(1y^3 + 4y - 1) - (4y^3 + 3y + 3)$

10. $(4c^2 - 7c + 4 + 3c) - (5 + c^2 - 5c)$

11. $3x(-6x + 5) - (-4x + 3x^2)$

12. $-4(2x - 8) + 5(-3x - 9)$