

Name: _____ Date: _____

Adding and Subtracting Polynomials

Add or subtract the following polynomials. Simplify where necessary.

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

$$2. (5x^3 - 6x + 4) - (3x^3 + 2x - 7)$$

$$3. (-2x^2 + 4x + 9) + (5x^2 - 3x + 1)$$

$$4. (6x^2 - 4x + 8) - (2x^2 + 5x - 3)$$

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