

Name: _____

Adding and Subtracting Polynomials

Directions: Find each sum or difference.

1. $(4a - 5) + (3a + 6)$	2. $(3p^2 - 2p + 3) - (p^2 - 7p + 7)$
3. $(7x^2 - 8) + (3x^2 + 1)$	4. $(x^2 + y^2) - (-x^2 + y^2)$
5. $\begin{array}{r} 5a^2 + 3a^2x - 7a^3 \\ (+) 2a^2 - 8a^2x + 4 \end{array}$	6. $\begin{array}{r} 5x^2 - x - 4 \\ (-) 3x^2 + 8x - 7 \end{array}$
7. $(5x^2 - x - 7) + (2x^2 + 3x + 4)$	8. $(5a + 9b) - (4b + 2a)$
9. $(5x + 3z) + 9z$	10. $6p - (8q + 5p)$