

Name \_\_\_\_\_

Date \_\_\_\_\_

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**Day 1 – Adding & Subtracting Polynomials**

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**Adding Polynomials.**

1.  $(3x^2 - 4x - 1) + (8x^2 - x + 6)$

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

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

4.  $(4x^2 - x - 7) + (2x^3 + 6x^2 - 11)$

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

**Subtracting Polynomials**

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

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

8.  $(7x^3 + 3x^2 + 4x + 10) - (10 + 8x + 3x^3)$

9.  $(5x^4 - 4x^3 - 3x - 4) - (2x - 6x^3 - 2x^4)$

10.  $(7x^3 - 9x^2 - 7x - 8) - (8 - 4x^2 - 6x^3)$