

**Math 3****Unit 3 Day 5 CW**

Divide each of the polynomials using long division.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

2.  $(x^2 - 4) \div (x + 4)$

3.  $(2x^2 + 5x - 3) \div (x + 3)$

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

5.  $(3x^2 - 13x - 10) \div (x - 5)$

6.  $(3x^2 - 13x - 10) \div (x + 5)$

7.  $(11x + 20x^2 + 12x^3 + 2) \div (3x + 2)$

8.  $(12x^3 + 2 + 11x + 20x^2) \div (2x + 1)$