

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

**Multiplying Polynomials****Multiply the following polynomials.**

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

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

3.  $(x + 9)(x - 9)$

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

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

6.  $(8x + 7)(2x + 3)$

7.  $(2x + 5)^2$

8.  $(3x - 8)^2$

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

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