

## Multiplying Polynomials

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

**Multiply a Monomial and Polynomial. Find the product.**

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

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

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

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

**Multiplying Binomials. Find the product.**

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

6.  $(7v + 3)(-v + 2)$

7.  $(2x + 4)(-6x + 6)$

8.  $(-2r - 1)(-5r - 7)$