**Adding, Subtracting, and Multiplying Polynomials**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Vocabulary**

* Monomial:
* Binomial:
* Trinomial:
* Polynomial:

**Examples**

1. Add the following polynomials
2. Subtract the following polynomials
3. Multiply the following polynomials
   1. (x+2)(x-3)
   2. (x+4)(x-6)
   3. (x-3)(x2+4x-2)

**Independent Practice**

1. Add the following polynomials
2. Subtract the following polynomials
3. Multiply the following polynomials
   1. (x-1)(x+9)
   2. (x-5)(x-6)
   3. (x+2)(x2-3x+7)