

Algebra  
Multiply Polynomials  
Lesson 8.2 OL Guideline

**Vocabulary**

- polynomial
- binomial

Example 1: Multiply a monomial and a polynomial

Example 2: Multiply polynomials using a table

Example 3: Multiply polynomials vertically

Example 4: Multiply polynomials horizontally

Example 5: Multiply binomials using the FOIL pattern