

Unit 6 Student Self-Assessment

After completing Unit 6, please mark how much you agree with the following statements.

If you want to brush up on any of these skills, refer to the Lesson heading above it.

I can...	I can	Almost	Not yet
Lesson 6.1: Add and Subtract Polynomials			
Determine the degree of polynomials.			
Add and subtract polynomials.			
Evaluate a polynomial function for a given value.			
Add and subtract polynomial functions.			
Lesson 6.2: Multiplying Polynomials			
Multiply monomials.			
Multiply a polynomial by a monomial.			
Multiply binomials.			
Multiply a polynomial by a polynomial.			
Multiply special products.			
Multiply polynomial functions.			
Lesson 6.3: Dividing Polynomials			
Divide monomials.			
Divide a polynomial by a monomial.			
Divide polynomials using long division.			
Divide polynomials using synthetic division.			

I can...	I can	Almost	Not yet
Divide polynomial functions.			
Use the Remainder and Factor Theorems.			
Lesson 6.4: Greatest Common Factor and Factor by Grouping			
Find the greatest common factor of two or more expressions.			
Factor the greatest common factor from a polynomial.			
Factor by grouping.			
Lesson 6.5: Factor Trinomials			
Factor trinomials of the form $x^2 + bx + c$.			
Factor trinomials of the form $ax^2 + bx + c$ using trial and error.			
Factor trinomials of the form $ax^2 + bx + c$ using the "ac" method.			
Factor trinomials using substitution.			
Lesson 6.6: Factor Special Products			
Factor perfect square trinomials.			
Factor differences of squares.			
Lesson 6.7: General Strategy for Factoring Polynomials			
Recognize and use the appropriate method to factor a polynomial completely.			