

Academic Algebra 1: Chapter 7

“Polynomials”

The lessons in this chapter help students to master operations with polynomials that form the foundation for solving equations that involve polynomials.

You will be asked to do a self-assessment before and after each lesson based on the scale below:

Scale: 4 = I know this very well and can teach it to others.

3 = I know this pretty well and get nearly every problem right the first time.

2 = I am still learning this. I have some questions and am sometimes unsure.

1 = I am not sure about how to do this.

Lesson 7-1 (Pages 358-364) Before: _____ After: _____

I can multiply **monomials**

I can Simplify expressions involving powers of monomials

Lesson 7-2 (Pages 366-373) Before: _____ After: _____

I can simplify expressions involving the quotient of monomials

I can simplify expressions containing negative exponents

Lesson 7-3 (Pages 376-381) Before: _____ After: _____

I can find the **degree of a polynomial**

I can arrange the terms of a polynomial **in ascending/descending order**

Lesson 7-4 (Pages 384-388) Before: _____ After: _____

I can **add/subtract polynomials**

Lesson 7-5 (Pages 390-395) Before: _____ After: _____

I can find the **product of a monomial and a polynomial**

I can **solve equations** involving polynomials

Lesson 7-6 (Pages 398-403) Before: _____ After: _____

I can multiply two binomials by using the FOIL method

I can multiply two polynomials by using the distributive property