**8.4 Rational Expressions**.  
Objective: To simplify rational expressions  
To multiply and divide rational expressions

**Rational Expression:** quotient of two polynomials

**Simplest Form:** when numerator and denominator are polynomials that have no common factors

Simplifying Rational Expressions and State Restrictions  
 -See Worksheet 1

Multiplying Rational Expressions and State Restrictions

-See Worksheet 2

Dividing Rational Expressions and State Restrictions

-See Worksheet 3

**HMWK: page 530 #1-8, 9-25 (odd), 27, 33-35 (odd)**