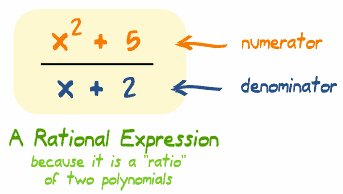
**Module 2 Lesson #09: Simplifying Rational Expressions**



Learning Targets:

* I can identify and simplify a rational expression.
* I can multiply and divide rational expressions.

What is a ***rational expression***?

**Rational Expressions should be written in *simplest form* (which means the numerator and denominator have no common divisors).**

**In simplest form Not in simplest form**

**Domain Restrictions of Rational Expressions**

What does it mean for a fraction to be undefined?

For ,

For ,

**Simplifying Rational Expressions**

Something is different here…

1. 3)
2. 4)

Multiplying Rational Expressions

1. 2)

**Dividing Rational Expressions**

What is the quotient of ?

HOMEWORK:



2)

3)