

Prerequisite Skills

Curriculum Expectations

While the curriculum does not list specific expectations for the topics outlined below, these skills are essential to understanding the course material, and manipulating mathematical expressions and equations throughout the course.

Schedule of Topics

Day	Topic	Homework	Questions?	Done
1	Order of Operations	Worksheet		
2	Sign Rules For Integers	Worksheet		
3	Reducing Fractions, Mixed/Improper Fractions	Worksheet		
4	Multiplying/Dividing Fractions	Worksheet		
5	Adding/Subtracting Fractions	Worksheet		
6	Like Terms/Distributive Property	Worksheet		
7	Solving Equations	Worksheet		

Skills Checklist

At the end of this strand, I am able to:

- perform simple calculations using mental arithmetic Always Often Rarely
- perform simple calculations using pencil and paper Always Often Rarely
- use the correct order of operations to evaluate expressions Always Often Rarely
- add and subtract positive and negative integers Always Often Rarely
- multiply and divide positive and negative integers Always Often Rarely
- substitute values into algebraic expressions and evaluate them Always Often Rarely
- determine the greatest common factor of two numbers Always Often Rarely
- reduce a fraction to its lowest terms Always Often Rarely
- convert improper fractions to mixed fractions Always Often Rarely
- convert mixed fractions to improper fractions Always Often Rarely
- multiply/divide fractions by other fractions or whole numbers Always Often Rarely
- add/subtract fractions to/from other fractions or whole numbers Always Often Rarely
- combine like terms to simplify an algebraic expression Always Often Rarely
- use the distributive property to multiply a monomial/binomial Always Often Rarely
- solve for the value of a variable in an algebraic equation Always Often Rarely