

# Intermediate Standards

## 1. Right Triangles and Trigonometry

- Know and apply properties of right triangles.
- Solve problems involving right triangles and trigonometry.
- Model and interpret real world situations represented by right triangles and trigonometry.

## 2. Understanding Transformations

- Know and apply transformations to geometric figures.
- Know and apply transformations to functions and their graphs.

## 3. Functions, Equations, and Graphs

- Represent and analyze situations using linear equations and equations.
- Apply algebraic rules and properties to linear models.
- Solve problems represented by linear models.
- Model and interpret real world situations represented by linear functions.

## 4. Quadratic Functions and Expressions

- Represent and analyze
- Apply algebraic rules and properties
- Solve problems represented by
- Model and interpret real world situations represented by

## 5. Polynomial Functions and Expressions

- Represent and analyze
- Apply algebraic rules and properties
- Solve problems represented by
- Model and interpret real world situations represented by

## 6. Rational Functions and Expressions (if there is time)

- Represent and analyze
- Apply algebraic rules and properties
- Solve problems represented by
- Model and interpret real world situations represented by

\* imbed coordinate geometry in Algebra