

Grade 8

Critical Proficiency: Functions

Priority Performance Indicators

- I can define, evaluate and compare functions.
- I can use functions to model relationships between quantities.

Critical Proficiency: Expression & Equations

Priority Performance Indicators

- I can work with radicals and integer exponents.
- I can understand the connections between proportional relationships, lines, and linear equations.
- I can analyze and solve linear equations and pairs of simultaneous linear equations.

Critical Proficiency: Number System

Priority Performance Indicators

- I understand that numbers that are not rational are called irrational.
- I understand rational approximations of irrational numbers to compare the size of irrational numbers.

Critical Proficiency: Geometry

Priority Performance Indicators

- I can understand congruence and similarity using physical models, transparencies, or geometry software.
- I can understand and apply the Pythagorean Theorem
- I can solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.

<u>Critical Proficiency:</u> Statistics & Probability

Priority Performance Indicators

I can investigate patterns of association in bivariate data.