Math 8 Essential Standards by Term

<u>Term 1</u>
1. Solve two-step equations (Unit 3A Quiz--1 Essential Quiz)
2. Solve multi-step equations (Unit 3B Quiz--1 Essential Quiz)
3. Write an equation in slope-intercept form from a table, graph, and story (Unit 4 Quiz--1 Essential Quiz)

<u>Term 2</u>
1. Graph a line in slope-intercept form (Unit 5 Quiz--1 Essential Quiz)
2. Function with functions (Unit 5 Quiz--1 Essential Quizzes)
   a. Identify functions
   b. Identify linear and nonlinear functions
   c. Function tables
3. Solve systems of equations by graphing (Unit 6 Quiz--1 Essential Quiz)

<u>Term 3</u>
1. Simplify exponential expressions (Unit 1 Quiz--3 Essential Quizzes)
   a. Multiply & Divide Exponents
   b. Powers of Exponents
   c. Negative & Zero Exponents
2. Simplify radical expressions (Unit 2 Quiz--2 Essential Quizzes)
   a. Perfect Roots
   b. Estimate & Simplify Roots
3. Use the Pythagorean Theorem (Unit 7 Quiz--1 Essential Quiz)

<u>Term 4</u>
1. Transform polygons (Unit 8 Quiz--2 Essential Quizzes)
   a. Translate/Reflect
   b. Rotate/Dilate
2. Identify congruent and similar polygons (Unit 9 Quiz--1 Essential Quiz)
3. Find the volume of cylinders, cones, and spheres (Unit 10 Quiz--1 Essential Quiz)

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