7ACC BENCHMARKS

10 WEEKS

- Solve real-world and mathematical problems involving the four operations with rational numbers.
- Recognize and represent proportional relationships between quantities.
- Use proportional relationships to solve multistep ratio and percent problems.

20 WEEKS

- Add, subtract, factor, and expand linear expressions with rational coefficients by applying the properties of operations.
- Apply properties of operations to solve multi-step real-world problems posed in any form.
- Fluently apply the distributive property to solve real-world problems and solve equations of this sort.

30 WEEKS

- Perform operations with numbers expressed in scientific notation.
- Interpreting the unit rate as slope.
- Compare two different proportional relationships represented in different ways.

40 WEEKS

- Solve a system of linear equations.
- Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions.
- Solve multi-step equations and inequalities by combining like terms and/or applying the distributive property and graph the solution when necessary.