

7th Grade Honors Math**

Algebra 1

Seventh graders will build upon the concepts learned from previous math courses.

7th Grade

During this year the students will cover the first half of the Algebra 1 textbook.

Concepts taught may include:

- *Exponents and Order of operations
- *Addition, subtraction, division, and multiplication of rational numbers
- *Using the distributive property
- *Solving equations
- *Working with formulas
- *Rates and proportions
- *Pythagorean Theorem
- *Solving and graphing inequalities
- *Relations and functions
- *Working with function rules and tables
- *Rate of change and slope
- *Slope-intercept form
- *Linear functions
- *Standard form of equations
- *Consumer math
 - profit and loss
 - discount and sale price
 - finding interest
 - working with tax rates, finance charges, etc.
 - working with credit cards and loans
 - checking accounts
- *Problem solving (all year)

**These concepts are subject to changes as needed.

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