Georgia Mathematics

Grade 6 - Learning Progressions

Adopted 2021

5-12 Learning Progressions

Numerical Reasoning

Numbers (rational numbers and irrational numbers)

1. Rational numbers as a concept
Integers
Fractions
Decimal numbers 6.LP5.1.1

Computational Fluency

1. All operations with whole numbers, fractions, and decimal numbers 6.LP5.2.1
2. Write & evaluate numerical expressions 6.LP5.2.2
3. Convert fractions with denominators of 2, 4, 5 and 10 to the decimal notation 6.LP5.2.3

Comparisons

1. Integers 6.LP5.3.1
2. Unit rates 6.LP5.3.2
3. Ratios 6.LP5.3.3
4. Numerical data distributions 6.LP5.3.4
5. Measures of variation 6.LP5.3.5
6. Absolute value 6.LP5.3.6
7. Display and analyze categorical and quantitative (numerical) data 6.LP5.3.7

Patterning & Algebraic Reasoning

Patterns

1. Greatest common factor & least common multiple 6.LP6.1.1

Expressions

1. Write, analyze, and evaluate numerical and algebraic expressions 6.LP6.2.1
2. Identify, generate, and evaluate algebraic expressions 6.LP6.2.2
3. Identify like terms in an algebraic expression 6.LP6.2.3

Variable Equations & Inequalities

1. Write and solve one-step equations & inequalities 6.LP6.3.1

Skip to main content

Ratios & Rates

1. Concept of ratio and rate (Numerical Reasoning with ratios and rates) 6.LP6.4.1
2. Equivalent ratios, percentages, unit rates (Numerical Reasoning with ratios and rates) 6.LP6.4.2
3. Convert within measurement systems (Numerical Reasoning with ratios and rates) 6.LP6.4.3

Graphing

1. Plot order pairs in all four quadrants 6.LP6.6.1
2. Show rational numbers on a number line 6.LP6.6.2
3. Draw polygons on a coordinate grid 6.LP6.6.3
4. Find the side length of a polygon graphed on the coordinate plane (same x- or y-coordinate) 6.LP6.6.4

Geometric & Spatial Reasoning

Geometric Measurement

1. Area of triangles, quadrilaterals, and polygons 6.LP8.2.1
2. Surface area 6.LP8.2.2
3. Volume of right rectangular prisms with fractional edge lengths 6.LP8.2.3