

Chapter 1 Integers and Rational Numbers

Lesson	Topic	Georgia K-12
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	B) Comparing and Ordering Integers	6.NR.3.4, 6.NR.3.5,
	C) Absolute Value of Integers	6.NR.3.6, 6.PAR.8.1
	A) Adding One-Digit Integers	7.NR.1.1,
1-2 Adding and	B) Subtracting One-Digit Integers	7.NR.1.2,
Subtracting Integers	C) Adding Multiple-Digit Integers	7.NR.1.4, 7.NR.1.5,
	D) Subtracting Multiple-Digit Integers	7.NR.1.11
1-3 Multiplying and	A) Multiplying Integers	7.NR.1.6, 7.NR.1.7, 7.NR.1.8,
Dividing Integers	B) Dividing Integers	7.NR.1.9, 7.NR.1.11
1-4 Order of Operations with Integers	A) Powers of Integers	7.NR.1.2, 7.NR.1.6, 7.NR.1.7, 7.NR.1.8,
	B) Order of Operations with Integers	7.NR.1.9, 7.NR.1.11, 8.NR.2.1
	A) Equivalent Fractions	7.NR.1.10,
1-5 Rational Numbers	B) Fractions as Decimals	7.NR.1.11, 8.NR.1.1
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1-7 Multiplying and Dividing Fractions	B) Using Integer Rules to Divide Fractions	7.NR.1.9,
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Chapter 2 Basics of Algebra

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2-3 Properties of Numbers	B) Associative Property	7.NR.1.5,
	C) Identity Property	7.PAR.2.1, 7.PAR.2.2
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2-4 Distributive Property	A) Using the Distributive Property to Write Equivalent	7.PAR.2.1,
2-4 Distributive Property	Expressions	7.PAR.2.2
2-5 Simplifying Algebraic Expressions	A) Simplifying Expressions with Like Terms	7.PAR.2.1,
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Chapter 3 Solving Equations and Inequalities

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5501 6 11	A) Writing Rules from Tables	- 0.50D.5.4
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5-7 Direct Variation Tables and Equations	A) Tables of Direct Variation	7.PAR.4.2, 7.PAR.4.5,
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Property	B) Using the Product of Powers Property to Multiply Expressions with Multiple Bases	- 8.NR.2.1
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7-4 GCF and LCM of Variable Expressions	B) Simplifying Fractions that Contain Variables	8.NR.2.1
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Chapter 7 Exponent Properties and Scientific Notation (cont.)

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	A) Cubing Rational Numbers	
	B) Perfect Cubes	
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8-5 Pythagorean Theorem	C) Using the Pythagorean Theorem to Find Side Lengths	8.GSR.8.1, 8.GSR.8.2
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Chapter 9 Geometry Basics and Angle Relationships

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9-5 Parallel Lines and Angle Relationships	A) Parallel Lines and Transversals	_
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Chapter 10 Triangles and Polygons

Lesson	Topic	Georgia K-12
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10-2 Angle Measures in	A) Sum of the Measure of Interior Angles of a Triangle	- G.GSR.4.5
Triangles	B) Finding a Missing Angle Measure in a Triangle	G.G3K.4.5
10.2 Classifying Triangles	A) Classifying Triangles by Their Angles	F CCD 0.1
10-3 Classifying Triangles	B) Classifying Triangles by Their Sides	5.GSR.8.1
10-4 Angle and Side Relationships in a Triangle	A) Using Angle Measures to Order the Side Lengths of Triangles	
	B) Using Side Lengths to Order the Angle Measures of Triangles	
10-5 Interior and Exterior	A) Interior and Exterior Angles of Triangles	
Angles of Triangles	B) Exterior Angles of a Triangle and Their Remote Interior Angles	G.GSR.4.5
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Chapter 11 Transformations, Congruence, and Similarity

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11-2 Translations	B) Writing Translation Functions	G.GSR.3.1, G.GSR.3.3
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11-7 Similarity	B) Corresponding Sides and Angles in Similar Figures	G.GSR.5.2
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Chapter 12 Area, Surface Area, and Volume

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	B) Relationship Between Radius and Diameter	7.GSR.5.4,
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Cylinders and Right Prisms	B) Surface Areas of Prisms	7.GSR.5.6
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12-4 Surface Area of Right Pyramids, Cones, and Spheres	A) Lateral Faces of Pyramids	
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Chapter 13 Probability and Simulations

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	E) Likely and Unlikely Events	
13-2 Experimental and Theoretical Probability	A) Experimental Probability of Single and Multiple Events	7.PR.6.2, 7.PR.6.3, 7.PR.6.4, 7.PR.6.5, 7.PR.6.6
	B) Theoretical Probability of Single and Multiple Events	
	C) Theoretical Probability and Making Inferences	
	A) Tables and Outcomes of Independent Events	
13-3 Compound Events	B) Using Multiplication to Count Outcomes for Independent Events	7.PR.6.4 <i>,</i>
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Chapter 14 Data Analysis

Lesson	Topic	Georgia K-12
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	C) Measures of Variation and Measures of Center	
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