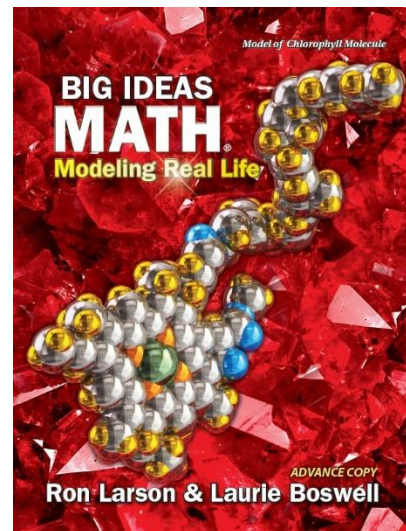


Big Ideas Math: Modeling Real Life, Grade 7,
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Correlated to the Seventh Day Adventist Math
Standards

Grade 7



Big Ideas Math: book
Correlated to the Seventh Day Adventist Math Standards
Grade 7

Standard	Title
Grade 7	
NUMBERS AND OPERATIONS	
Rational Numbers	
7.NO.1 Apply and extend the four basic operations to rational numbers (7.NS.1,2,3)	1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 2.3, 2.4, 2.5, 6.1
7.NO.2 Understand and apply properties of operations (7.NS.2)	1.2, 1.3, 1.4, 1.5, 2.1, 2.4, 2.5
7.NO.3 Perform operations with numbers expressed in scientific notation, exponents, and square root	2.1, 3.1; <i>Also see Big Ideas Math: Modeling Real Life, Grade 8, © 2019 in Lesson 8.1, 8.6, 8.7.</i>
Ratios/Proportions/ Percentages	
7.NO.4 Analyze and apply proportional relationships (7.RP.1,2,3)	5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 6.2, 6.3, 6.4, 6.5, 6.6, 8.1, 8.2
OPERATIONS AND ALGEBRAIC THINKING	
Expressions/ Equations/Inequalities	
7.OAT.1 Use properties of operations to generate equivalent expressions (7.EE.1,2)	3.1, 3.2, 3.3, 3.4, 6.4, 6.5, 6.6, 9.2
7.OAT.2 Solve real-life and mathematical problems using numerical and algebraic expressions and equations (7.EE.3,4)	1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 7.1, 7.2, 7.3, 7.4
7.OAT.3 Represent, graph, analyze, and generalize patterns, ratios, and inequalities using symbolic rules	3.1, 3.2, 3.3, 3.4, 4.4, 4.5, 4.6, 4.7, 4.8, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6

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Standard	Title
MEASUREMENT	
Measurement Systems	
7.M.1 Convert between a variety of standard/metric measures (e.g., in to cm, cm to in)	This standard is addressed in <i>Big Ideas Math: Modeling Real Life, Grade 6</i> , © 2019 in Lessons 3.6, 4.1.
GEOMETRY	
Figures	
7.GEO.1 Draw, construct, and describe geometrical figures and identify the relationships between them (7.G.1,2,3)	9.1, 9.2, 9.3, 9.4, 9.5, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6
Geometrical Measurements	
7.GEO.2 Solve real-world and mathematical problems involving angle measure, perimeter, area, surface area, and volume (7.G.4,5,6)	9.1, 9.2, 9.3, 9.4, 9.5, 10.1, 10.2, 10.3, 10.4, 10.5
DATA ANALYSIS, STATISTICS, AND PROBABILITY	
Statistics and Probability	
7.DSP.1 Use random sampling to draw inferences about a population (7.SP.1,2)	8.1, 8.2
7.DSP.2 Draw informal comparative inferences about two populations (7.SP.3,4)	8.3, 8.4
7.DSP.3 Investigate chance processes and develop, use, and evaluate probability models (7.SP.5,6,7,8)	7.1, 7.2, 7.3, 7.4