

7th Grade Accelerated Topics Sheet

Topic #	Description	Date of Quiz	Score
Topic 7.1	Negative numbers: addition and subtraction		
Topic 7.2	Negative numbers: multiplication and division		
Topic 7.3	Converting fractions to decimals		
Topic 8.1	a. Decimals back to a fraction b. Classification of rational and irrational numbers		
Topic 8.2	Cube roots and estimating square roots		
Topic 7.4	Adding and subtracting rational numbers		
Topic 7.5	Percent word problems		
Topic 7.6	Rational word problems		
Topic 7.7	Constant of proportionality	Topic 8.5	
Topic 7.8	Compare and interpret constants of proportionality		
Topic 7.9	Identify and graph proportional relationships		
Topic 7.10	Writing and solving proportional equations		
Topic 8.6	Slope and intercepts		
Topic 8.7	Graphing linear equations: Slope-intercept form		
Topic 8.8	Writing linear equations a. Slope-intercept form (table, graph, context)		
Topic 8.9	Functions a. Identifying functions b. Comparing functions c. Constructing linear functions		
Topic 7.11	Combining like-terms		
Topic 7.12	Distributive property and equivalent expressions		
Topic 7.13	Two-step equations		
Topic 8.3	Solving equations a. variables on both sides b. equations with parenthesis		
Topic 8.4	Solutions to an equation (one, infinite, none)		
Topic 7.14	One-two step inequalities		
Topic 7.15	Area and circumference of circles		
Topic 7.16	Vertical, complementary, and supplementary angles		
Topic 7.17	Missing angle problems		
Topic 7.18	Constructing triangles		
Topic 7.19	Slicing geometric shapes		
Topic 7.20	Scale		
Topic 7.21	Volume and surface area (triangular prism)		
Topic 8.16	Volume a. Cylinder and cone b. Sphere and pyramid		
Topic 7.22	Probability		