Grade 8 SBAC Math Assessment Snapshot

Unit	Claim 1: Concepts and Procedures 17-20 Total Questions -At least 7 CAT items will be DOK 2 or higher		Claim 2: Problem Solving	Claim 4: Modeling and Data Analysis	Claim 3: Communicating Reasoning 8-10 Questions -At least 2 CAT items will be DOK 3 or higher. -80% of Claim 3 comes from standards below.
			8-10 Total Questions -At least 2 CAT items will be DOK 3 or higher -80% of Claim 2 & 4 comes from Standards below		
	Target C (Priority) **8.EE.B** Understand the connections between proportional relationship, lines, and linear equations. 8.EE.5, 6	5-6	8.EE.B	8.EE.B	8.EE.5 8.EE.6
	Target D (Priority) **8.EE.C** Analyze and solve linear equations and pairs of simultaneous linear equations 8.EE.7, 8		8.EE.C	8.EE.C	8.EE.7a 8.EE.7b 8.EE.8a
	Target B (Priority) **8.EE.A** Work with radicals and integer exponents 8.EE.1, 2, 3, 4	5-6		8.EE.3 8.EE.4	8.EE.1
	Target E (Priority) **8.F.A** Define, evaluate, and compare functions. 8.F.1, 2, 3		8.F.A		8.F.1 8.F.2 8.F.3
	Target G (Priority) **8.G.A** Understand congruence and similarity using physical models, transparencies, or geometry software. 8.G.1, 2, 3, 4, 5		8.G.A		8.G.1 8.G.2 8.G.4 8.G.5
	Target F (Priority) **8.F.B** Use functions to model relationships between quantities. 8.F.4, 5	2-3	8.F.B	8.F.B	
	Target H (Priority) **8.G.B** Understand and apply the Pythagorean Theorem 8.G.6, 7, 8		8.G.B	8.G.B	8.G.6 8.G.8
	Target A (Supporting) **8.NS.A** Know that there are numbers that are not rational, and approximate them by rational numbers. 8.NS.1, 2	4-5			
	Target I (Supporting) **8.G.9** Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres. 8.G.9		8.G.C	8.G.C	
	Target J (Supporting) **8.SP.A** Investigate patterns of association in bivariate data. 8.SP.1, 2, 3, 4			8.SP.A	

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