

EOC Geometry Exam Blueprint

Instructional Focus	% of Questions	Common Core State Standards	Webb DOK
1: Congruence, Proof, and Constructions	22-25%	G.CO.1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	2-3 [G.CO.1 DOK 1]
2: Similarity, Proof and Trigonometry	25-27%	G.SRT.1, 1a, 1b, 2, 3, 4, 5, 6, 7, 8, 9*, 10*, 11*	2-3 [G.SRT.1 DOK 1] * Advanced course Standard, not assessed on State EOC exam
		G.MG.1, 2, 3	2-3
3: Extending to Three Dimensions	12-15%	G.GMD.1, 3, 4	2 [G.GMD.4 DOK 1]
		G.MG.1	2
4: Connecting Algebra and Geometry through Coordinates	12-15%	G.GPE.2, 4, 5, 6, 7,	2-3
5: Circles With and Without Coordinates	15-18%	G.C.1, 2, 3, 4*, 5	2-3 * Advanced course Standard, not assessed on State EOC exam
		G.GPE.1, 4	2-3
		G.MG.1	2
6: Applications of Probability	11-13%	S.CP.1, 2, 3, 4, 5, 6, 7, 8*, 9*	2-3 * Advanced course Standard, not assessed on State EOC exam
		S.MD.6*, 7*	2-3 * Advanced course Standard, not assessed on State EOC exam

NOTE 1: Instructional Focus is based on the **Mathematics Blueprint – High School Geometry**: <http://sdcctechners.k12.sd.us/home/math-blueprint-overview/math-blueprints>

NOTE 2: Items should be written to the indicated Webb DOK levels with a mix of level 2 and 3 with an emphasis on level whenever possible. Only items for the standards in [] can be written to a DOK 1.