



Math : Geometry

Grade 9

#	Essential Knowledge/Skill	Alignment
A	I can investigate problems, justify processes, employ reverse thinking, choose a problem-solving strategy, and generalize.	S – IC – ID
B	I can simplify algebraic expressions, solve algebraic equations, and utilize algebra to solve problems.	A – REI – 1-12
C	I can identify, graph, compare, and create different types of functions.	A – CED – 1-4
1	I can transform objects in a plane and prove/make geometric theorems and constructions.	G-CO 1-13
2	I can understand similarity and prove theorems involving similarity. I can apply trigonometry to triangles.	G-SRT 1-11
3	I can understand and apply theorems about circles.	G-C 1-5
4	I can express geometric properties with equations.	G-GPE 1-7
5	I can solve volume problems and can understand the relationship between two dimensional and three dimensional shapes.	G-GMD 1-4
6	I can apply geometric concepts in modeling situations.	G-MG 1-3
7	I can use conditional probability and the rules of probability to make decisions.	S-CP 1-9, S-MD 6-7

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