



THE STATE EDUCATION DEPARTMENT / THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234

## New York State Common Core Geometry Standards

GrCO.12

Constructions include but are not limited to the listed constructions.

Example: constructing the median of a triangle or constructing an isosceles triangle with given lengths

GrSRT.4

Theorems include but are not limited to the listed theorems.

Example: the length of the altitude drawn from the vertex of the right angle of a right triangle to its hypotenuse is the geometric mean between the lengths of the two segments of the hypotenuse

GrSRT.5

ASA, SAS, SSS, AAS, and HypotenuserLeg theorem are valid criteria for triangle congruence.

AA, SAS, and SSS are valid criteria for triangle similarity.

GrC.2

Relationships include but are not limited to the listed relationships.

Example: angles involving tangents and secants