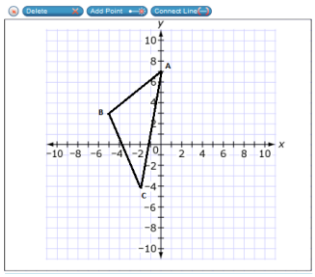
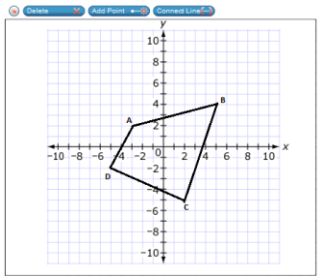
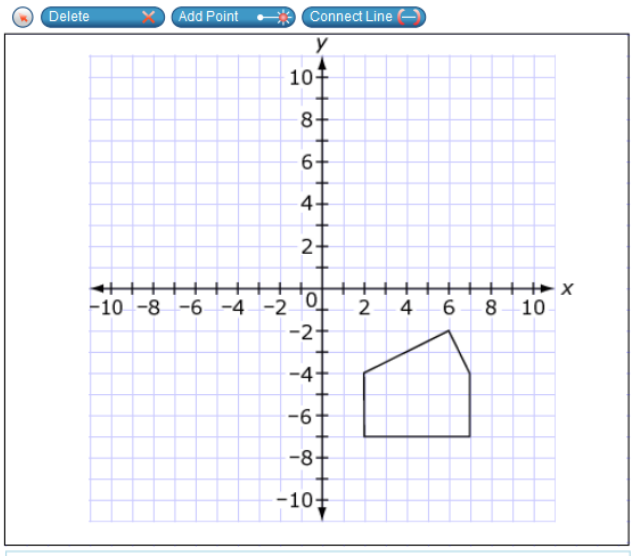
Content Standard	***MAFS.8.G*** *Geometry* ***MAFS.8.G.1*** *Understand congruence and similarity using physical models, transparencies, or geometry software.* ***MAFS.8.G.1.3*** Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.
Assessment Limits	Coordinate values of x and y must be integers. The number of transformations should be no more than two. Dilations must be about the center.
Calculator	Neutral
Item Types	Equation Editor GRID Multiple Choice Multiselect Open Response Table Item
Context	Allowable

Sample Item	Item Type
Triangle ABC is translated 5 units to the right to create triangle $A'B'C'$.  Use the Connect Line tool to draw triangle $A'B'C'$.	GRID
Quadrilateral $ABCD$ is rotated $90°$ clockwise about the origin to create quadrilateral $A'B'C'D'$.  Use the Connect Line tool to draw quadrilateral $A'B'C'D'$.	GRID

Sample Item	Item Type
A pentagon is shown. The pentagon is translated 5 units to the left and then reflected over the *x*-axis. Use the Connect Line tool to draw the pentagon after its transformations. 	GRID