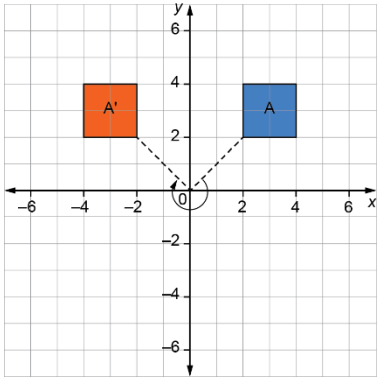
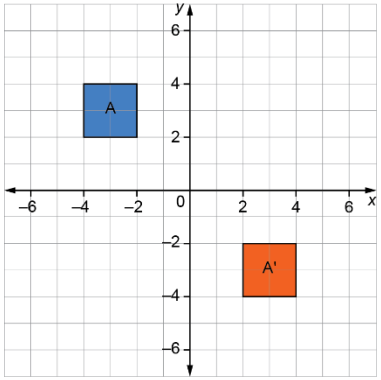
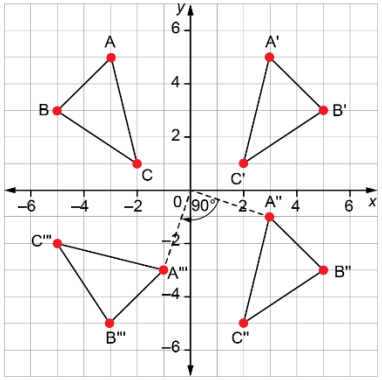
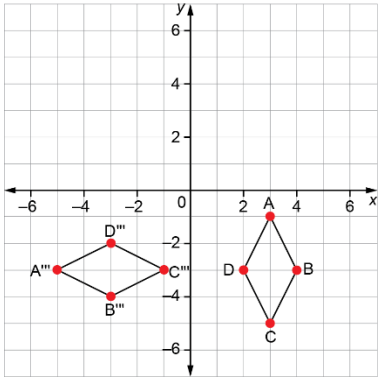
Geometry

Activity 4 Assessment
Combining Transformations

Combining Transformations

Identifies a transformation in different ways	Identifies 2 consecutive transformations	Performs 3 or more consecutive transformations	Identifies different types of transformations
			
Square A' is the image of square A after: a reflection in the *y*-axis; a translation of 6 units left; a rotation of 270º counterclockwise about the origin O	Square A' is the image of square A after a reflection in the *y*-axis, then a translation 6 units down.	ΔA'B'C' is the image of ΔABC after a reflection in the *y*-axis. ΔA''B''C'' is the image of ΔA'B'C' after a translation 6 units down. ΔA'''B'''C'' is the image of ΔA''B''C'' after a rotation of 90º clockwise about O.	ABCD is rotated 90º counterclockwise about the origin to Quadrant 1, then translated 6 units left to Quadrant 2, then reflected in the *x*-axis to the final image A'''B'''C'''D''' in Quadrant 4.

Observations/Documentation