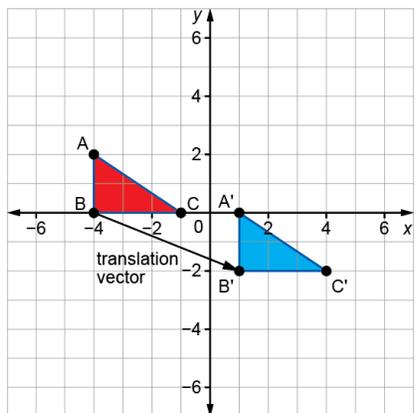


Activity 5 Assessment

Transformations on the Cartesian Plane

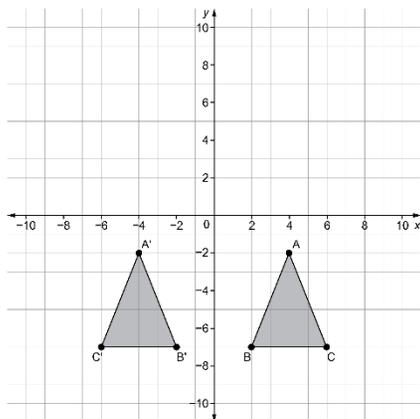
Transformations on the Cartesian Plane

Identifies and describes transformations on a Cartesian plane



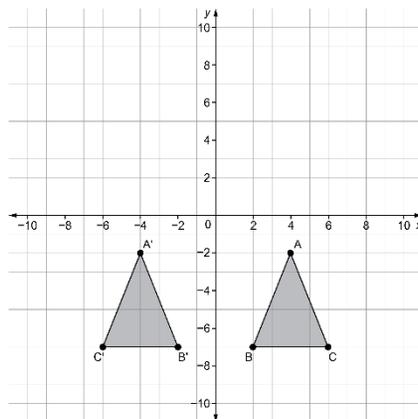
This shows $\triangle ABC$ is translated right 5 units and down 2 units to create $\triangle A'B'C'$.

Describes and performs single transformations on a Cartesian plane



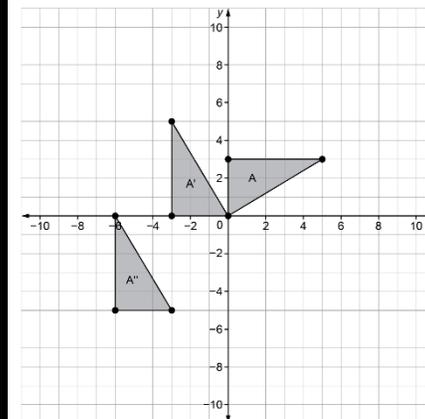
This is a reflection in the y -axis.

Uses patterns to describe and perform single transformations on a Cartesian plane



$A(4, -2) \rightarrow A'(-4, -2)$
 $B(6, -7) \rightarrow B'(-6, -7)$
 $C(2, -7) \rightarrow C'(-2, -7)$
 The pattern in the coordinates is
 $(x, y) \rightarrow (-x, y)$.

Describes and performs combinations of transformations on a Cartesian plane



The triangle is rotated 90° counterclockwise around the origin, then translated left 3 units and down 5 units.

Activity 5 Assessment

Transformations on the Cartesian Plane

Observations/Documentation

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