

Geometry

Chapter 1 // Lesson 9 // Transformations

Name:

Date:

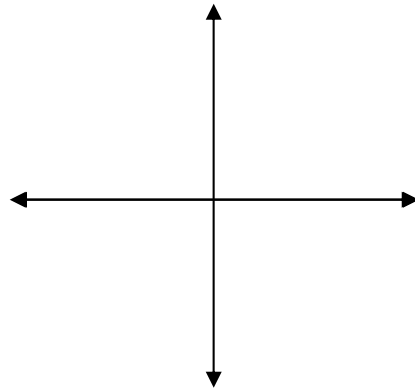
Period: 1 2 3 4 5 6

Standards: 22.0

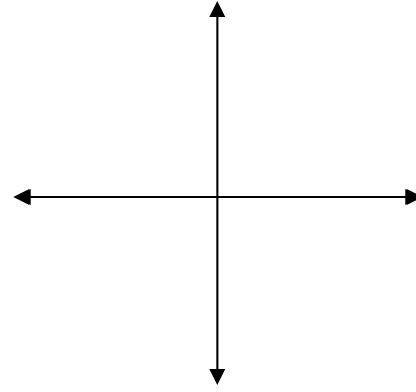
Holt: 1.7

Name three transformations:

Reflections:

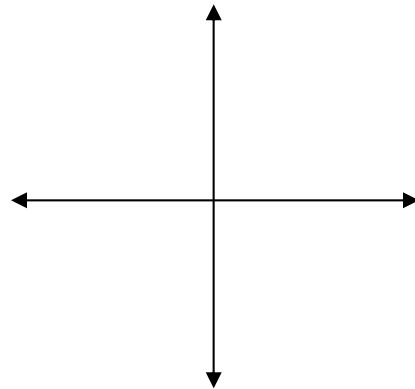


Reflect over x-axis

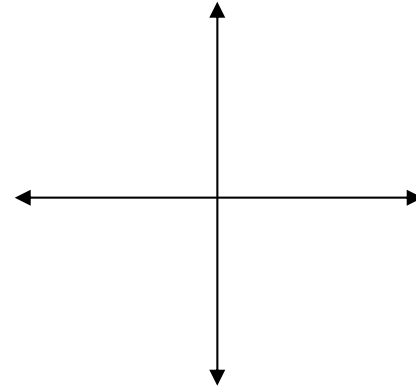


Reflect over y-axis

Rotations:



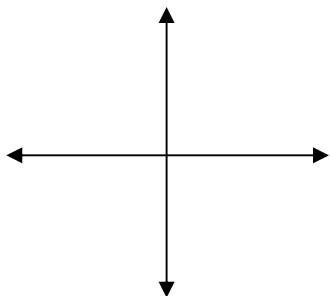
All rotations



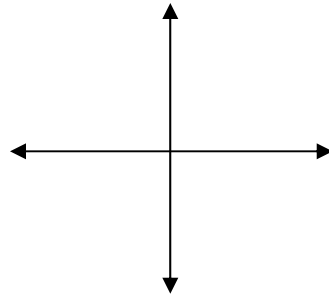
Rotation of 180°

A rotation of 180° is the same as:

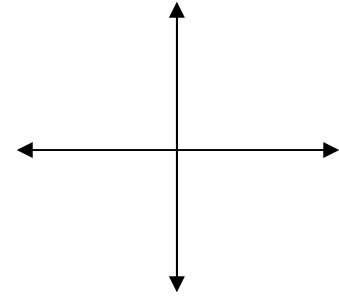
Translations:



x direction



y direction



combination