Lesson 6: Dilations on the Coordinate Plane

Exit Ticket

1. The point $A(7, 4)$ is dilated from the origin by a scale factor $r = 3$. What are the coordinates of point $A'$?

2. The triangle $ABC$, shown on the coordinate plane below, is dilated from the origin by scale factor $r = \frac{1}{2}$. What is the location of triangle $A'B'C'$? Draw and label it on the coordinate plane.