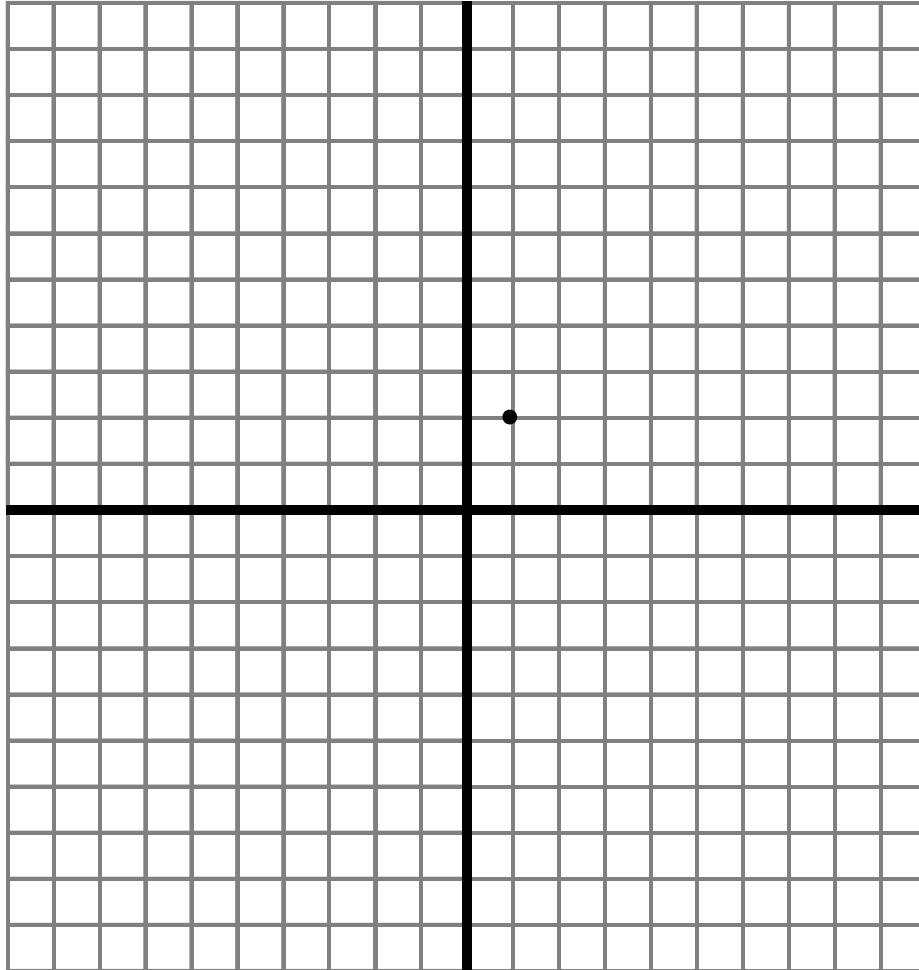


Grade 7/8 Math – Geometry
Lesson 11 – Rotations
Homework (part 2)

Name: _____

1. One vertex of a triangle is at the point (1, 2). After a rotation, one vertex is at the point (-2, 1). Name all three vertices of the original and the final triangles. Show your triangles on the coordinate grid below.

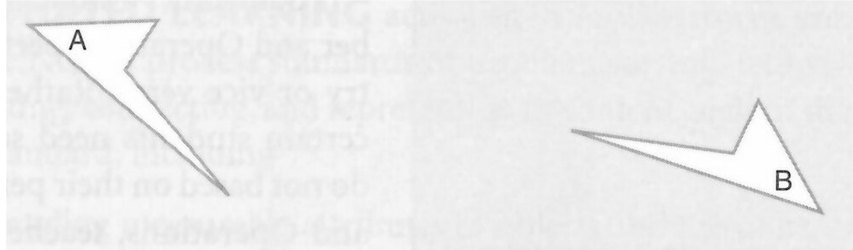
Hint: you can choose the turn centre too!



Challenge:

Answer the question again using a different turn centre.

2. Describe three transformations you could use to move shape A to position B



3. Use at least one rotation, one reflection, and one translation to move shape A to position B. Show each transformation below.

