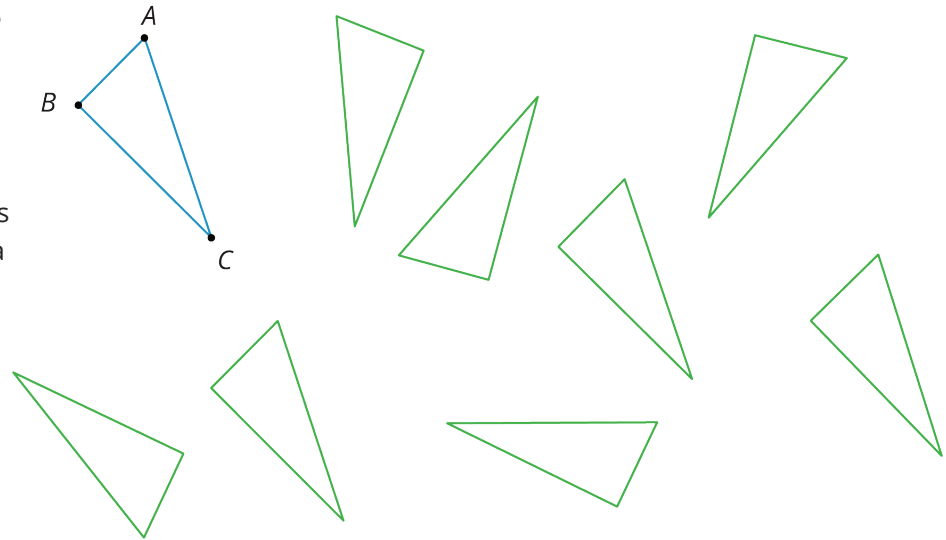


Unit 1 Lesson 12: Congruent Polygons

1 Translated Images (Warm up)

Student Task Statement

All of these triangles are congruent. Sometimes we can take one figure to another with a translation. Shade the triangles that are images of triangle ABC under a translation.

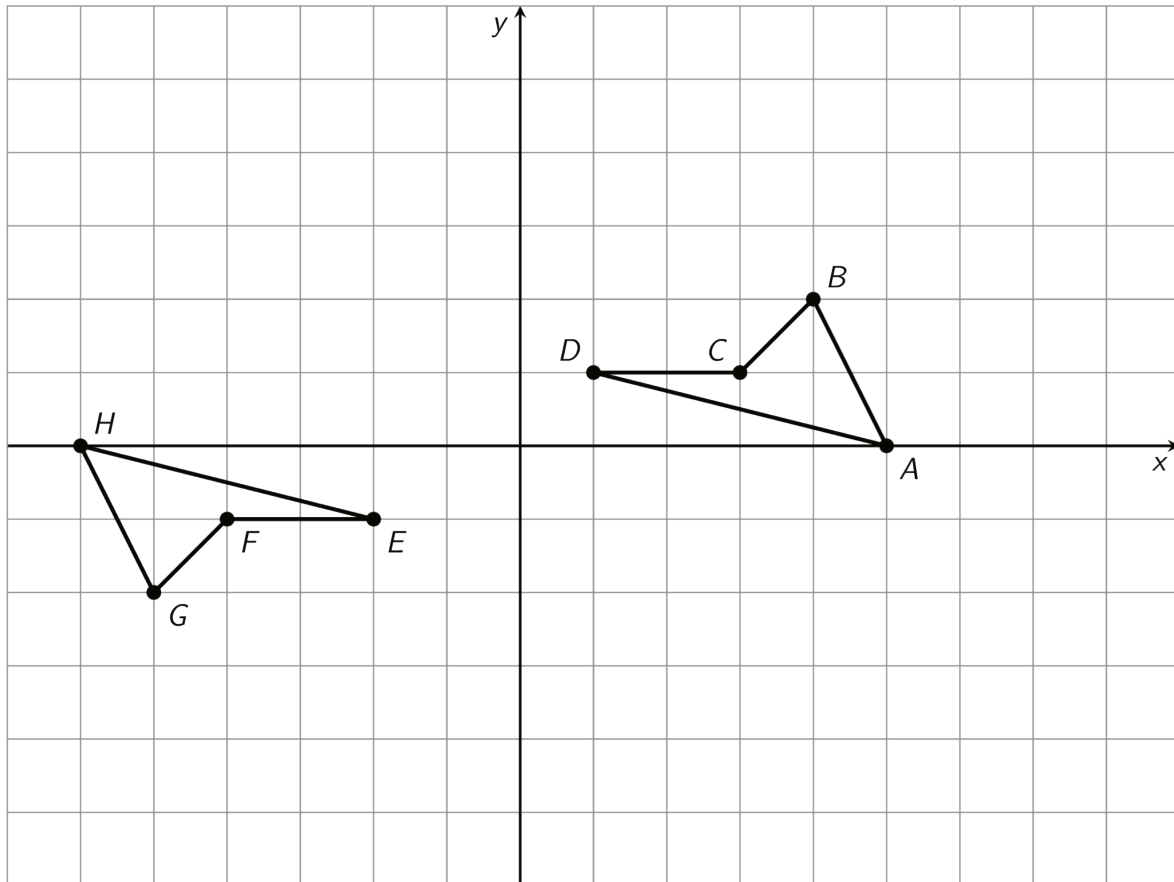


2 Congruent Pairs (Part 1)

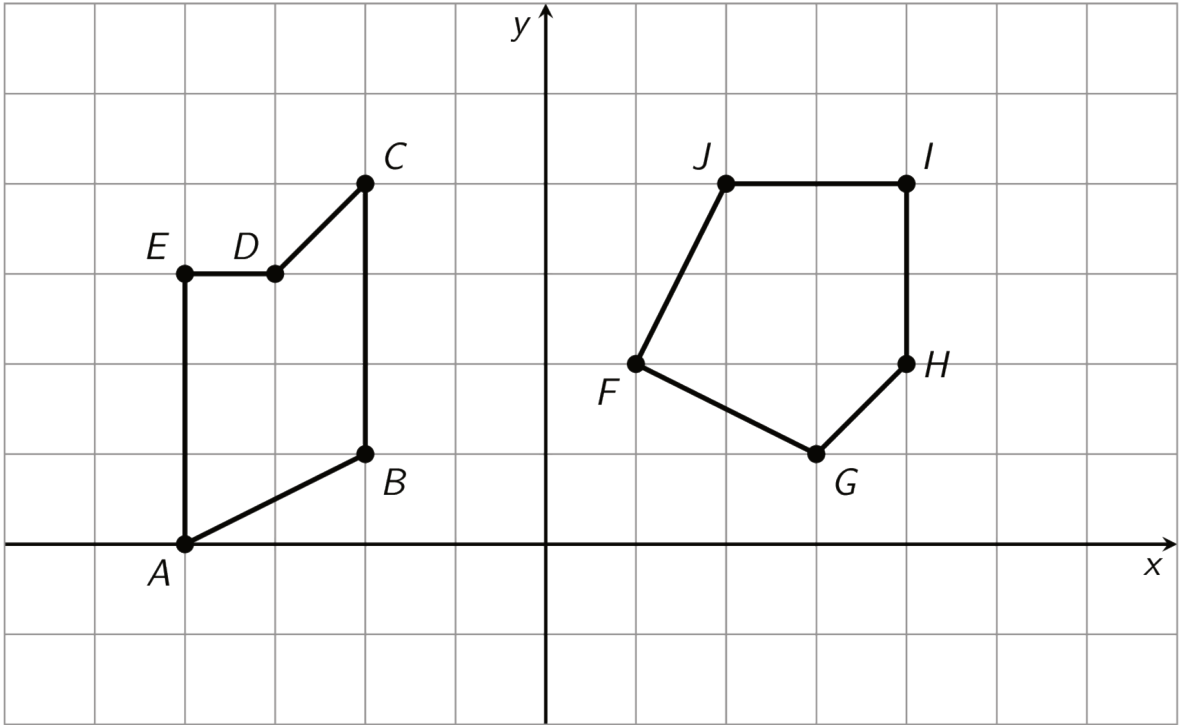
Student Task Statement

For each of the following pairs of shapes, decide whether or not they are congruent. Explain your reasoning.

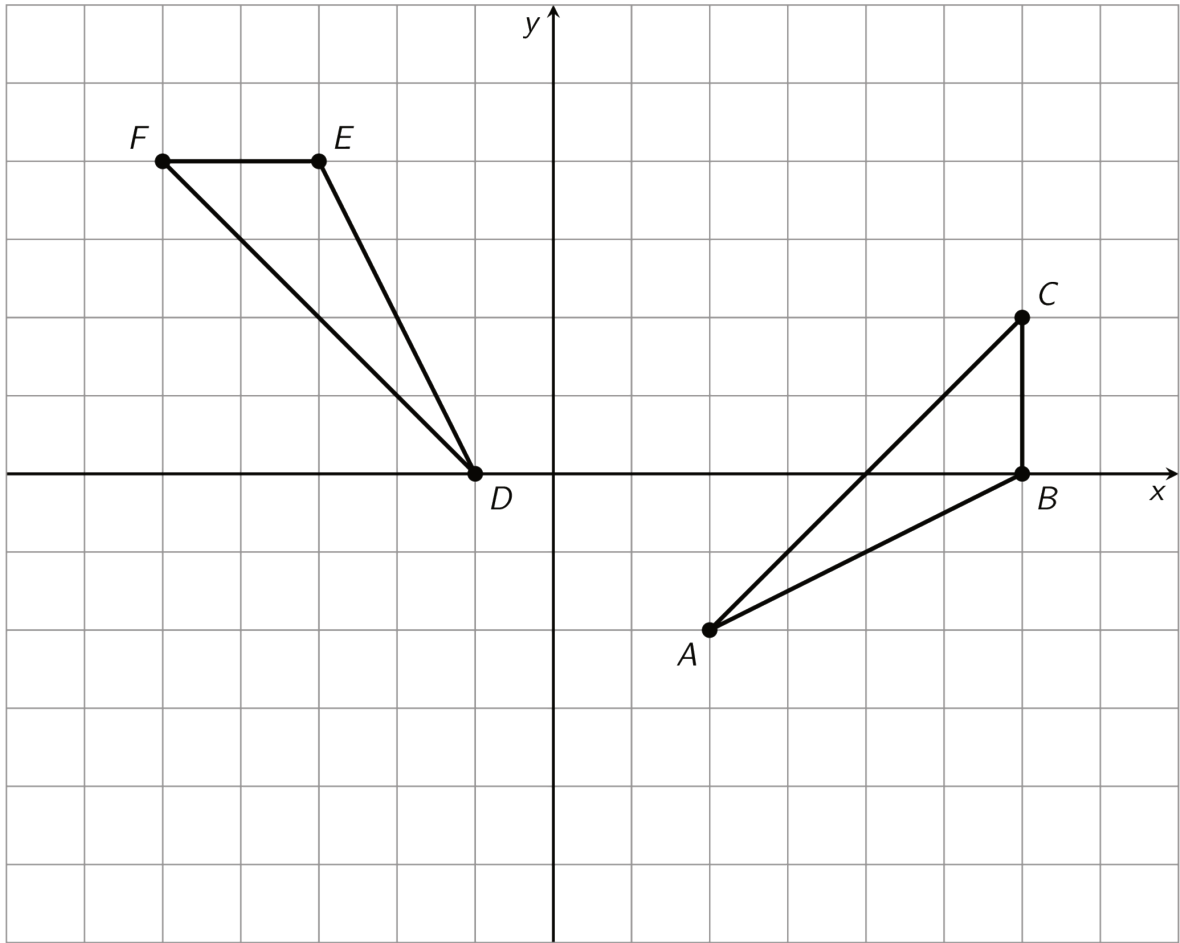
1.



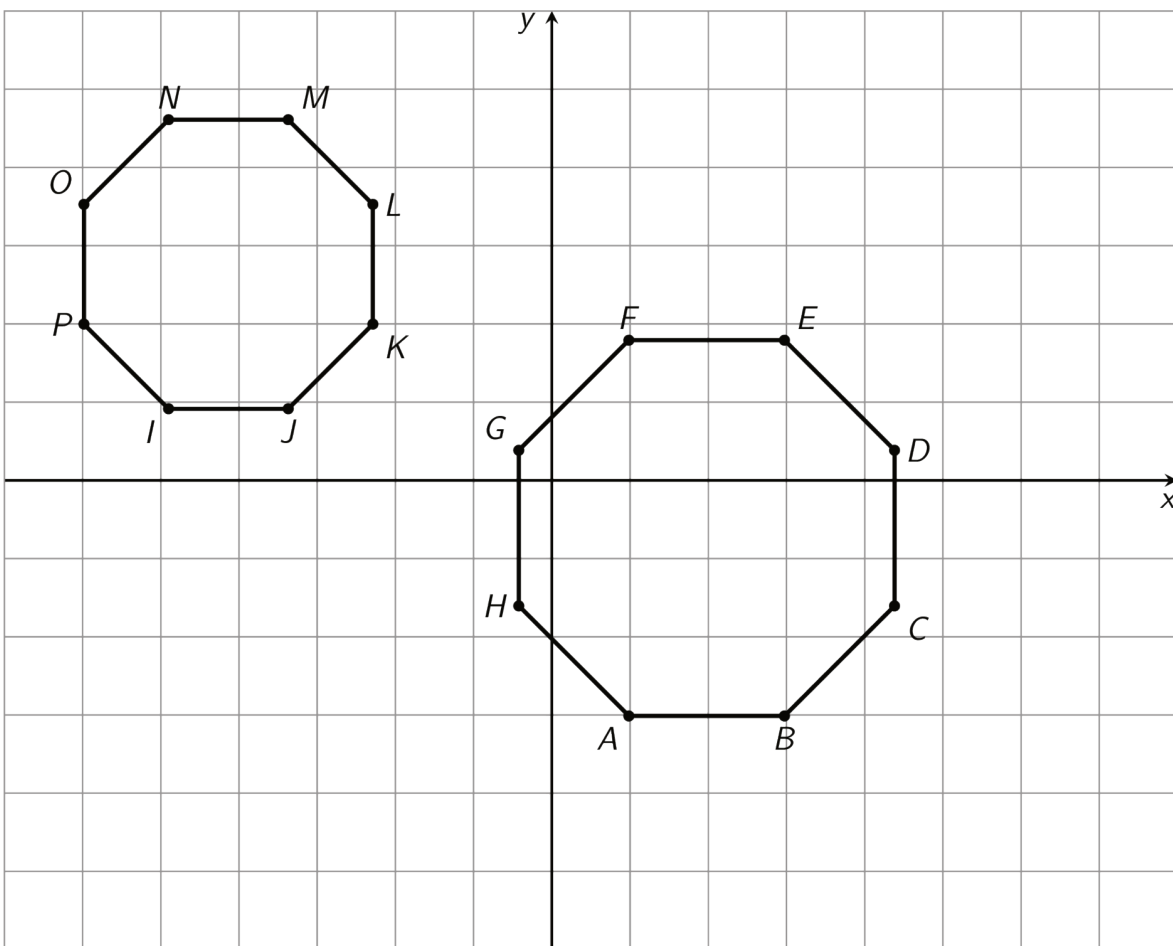
2.



3.

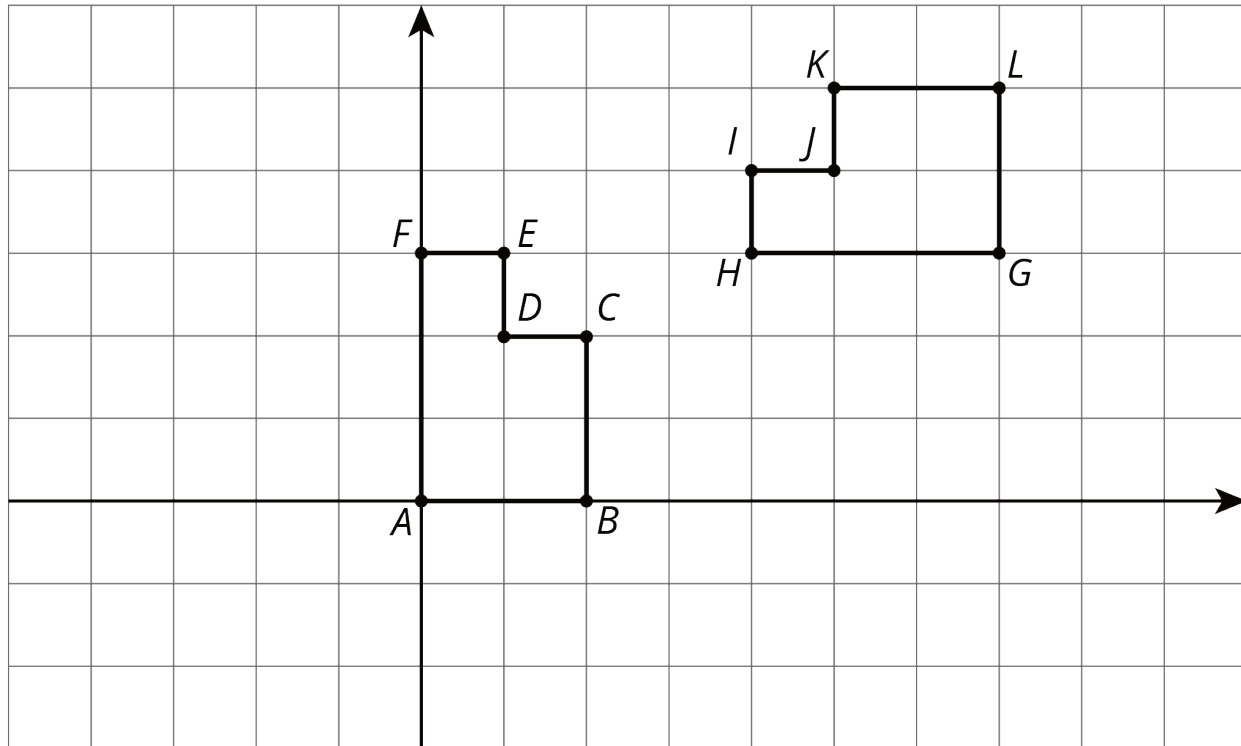


4.



3 Congruent Pairs (Part 2)

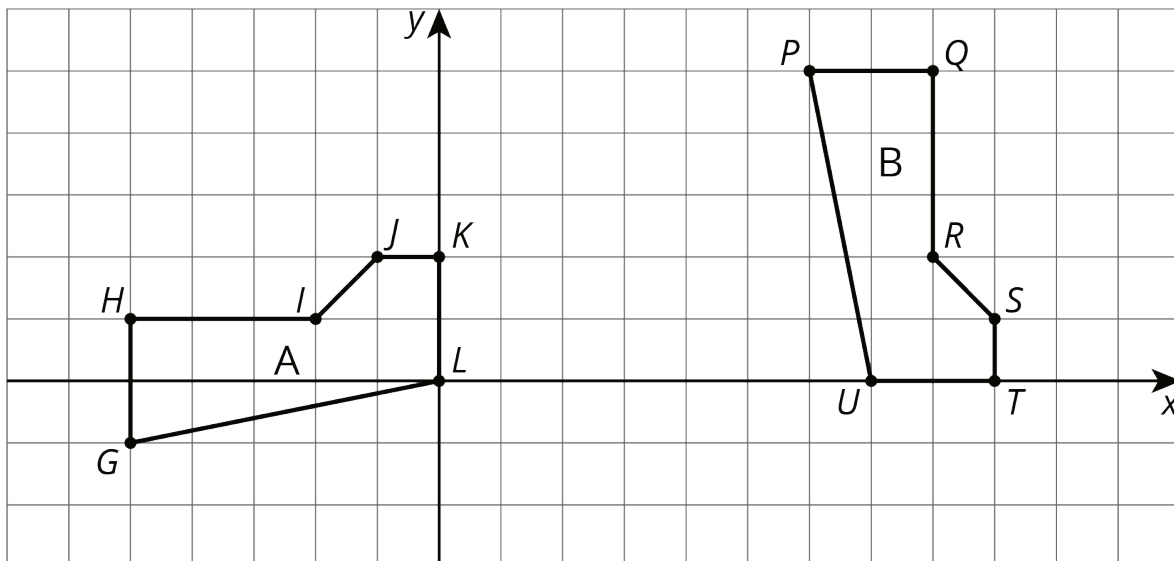
Images for Launch



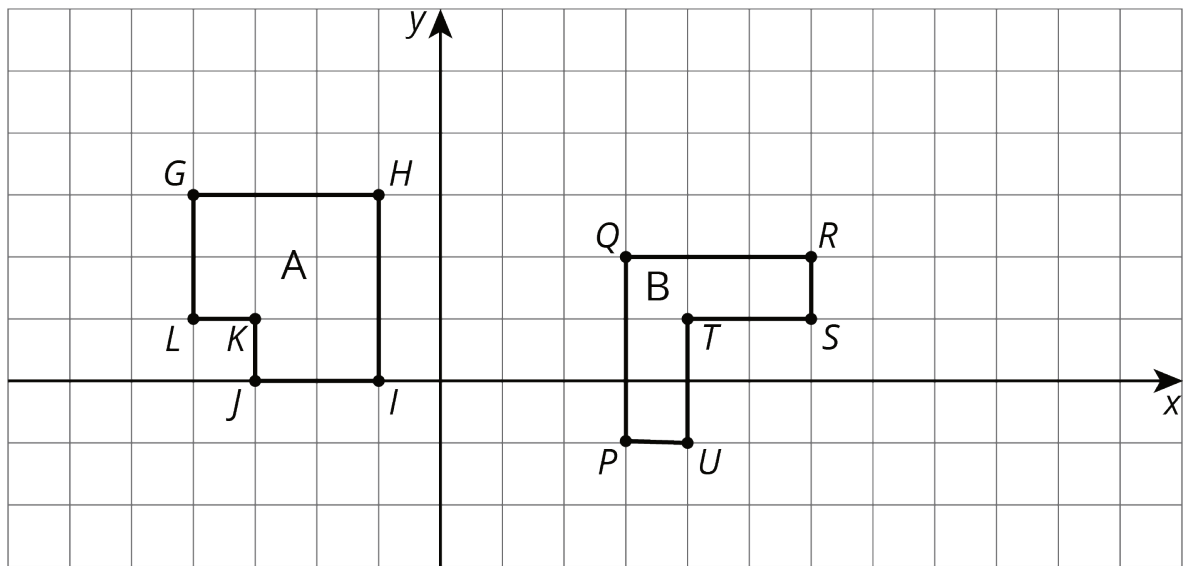
Student Task Statement

For each pair of shapes, decide whether or not Shape A is congruent to Shape B. Explain how you know.

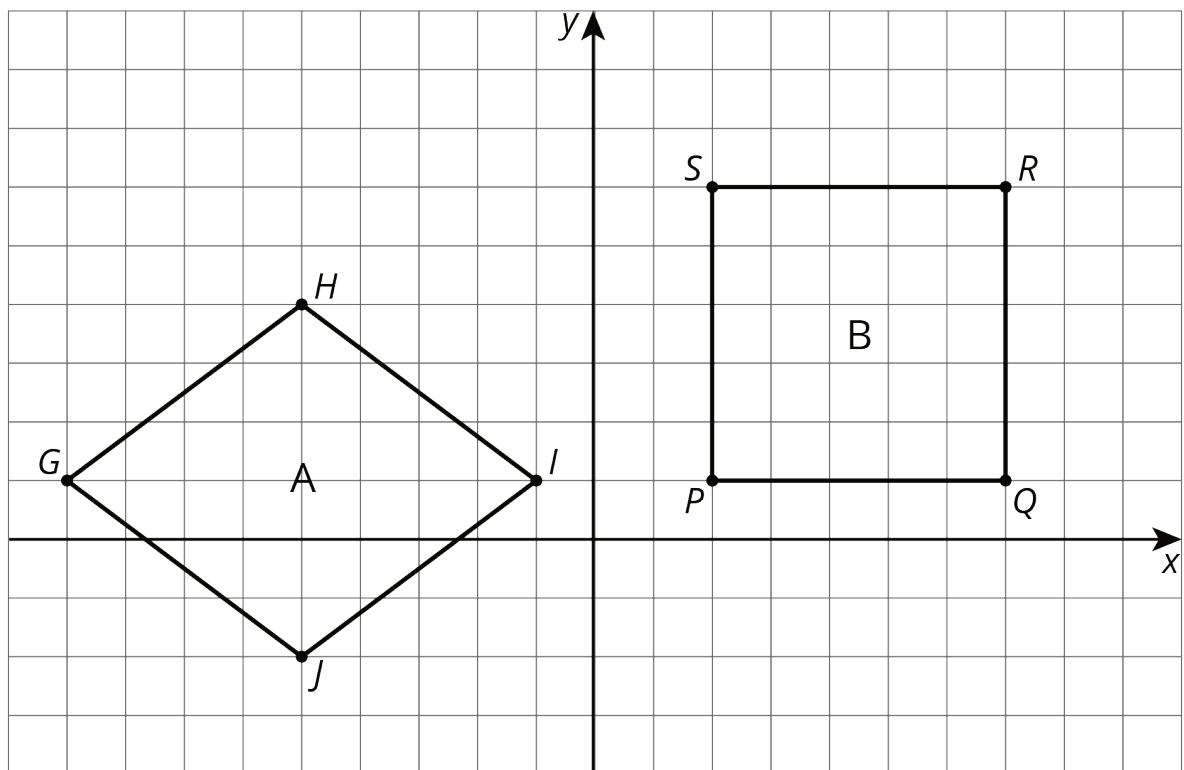
1.



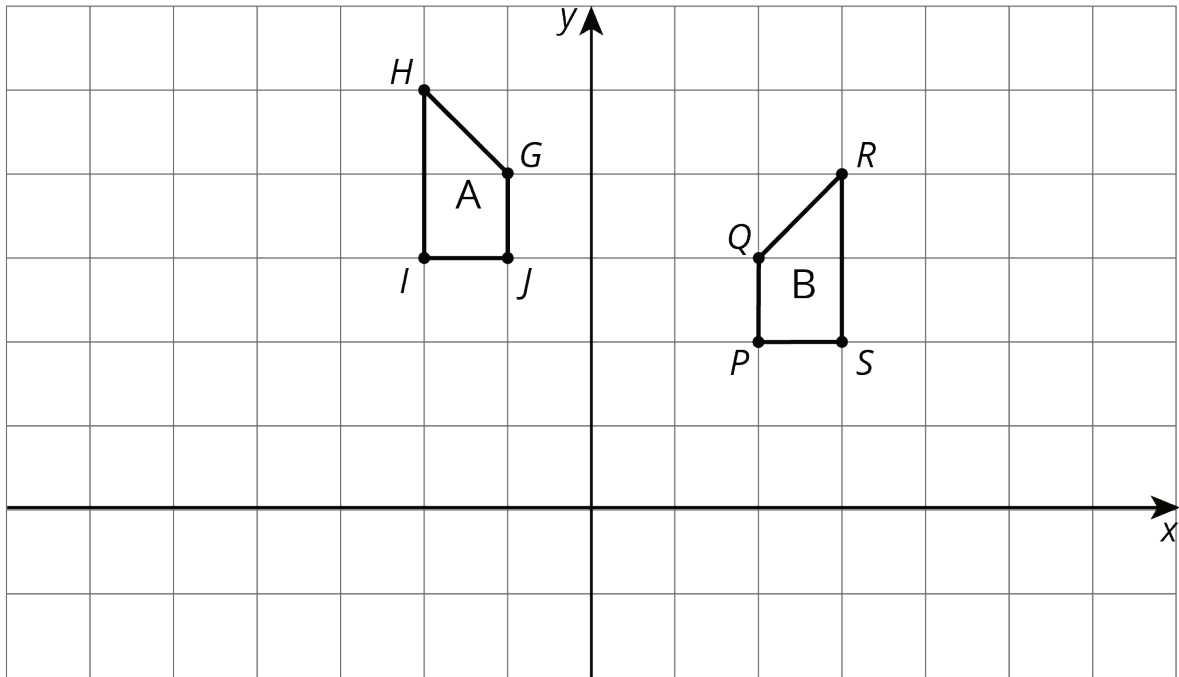
2.



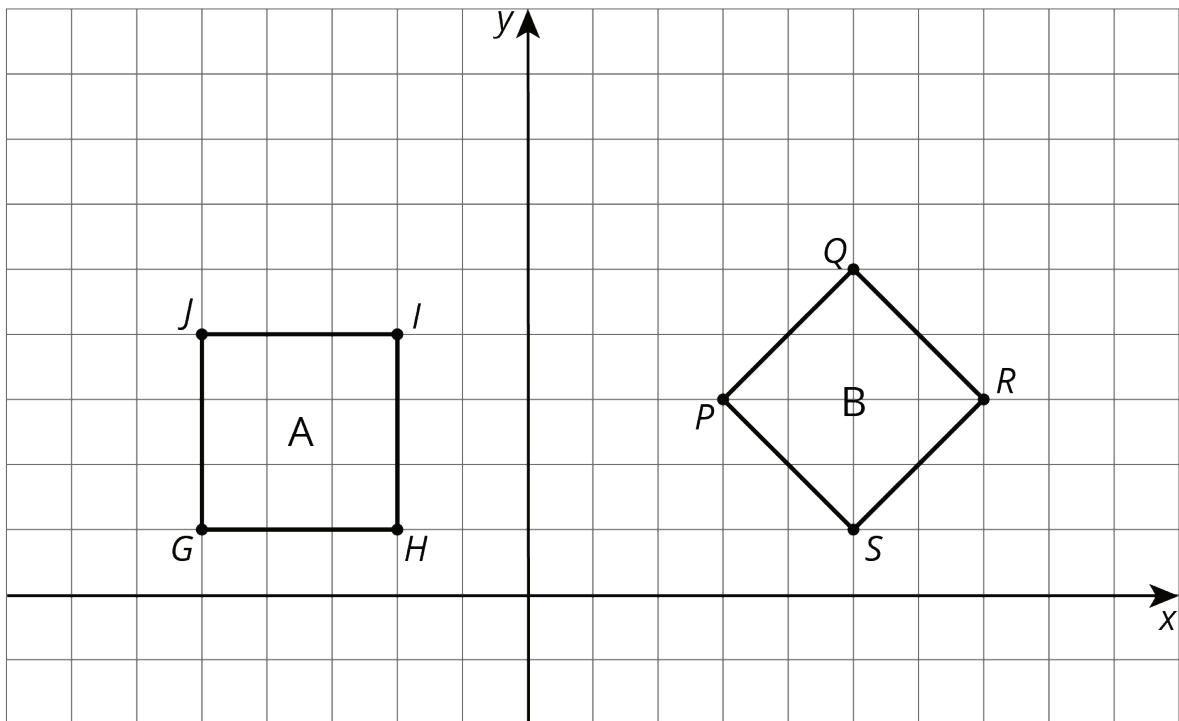
3.



4.



5.



4 Building Quadrilaterals (Optional)

Student Task Statement

Your teacher will give you a set of four objects.

1. Make a quadrilateral with your four objects and record what you have made.
2. Compare your quadrilateral with your partner's. Are they congruent? Explain how you know.
3. Repeat steps 1 and 2, forming different quadrilaterals. If your first quadrilaterals were not congruent, can you build a pair that is? If your first quadrilaterals were congruent, can you build a pair that is not? Explain.