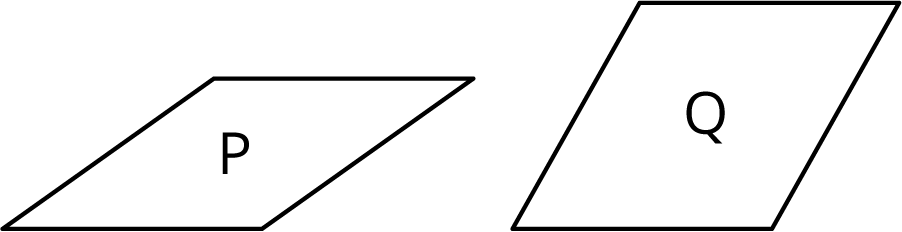
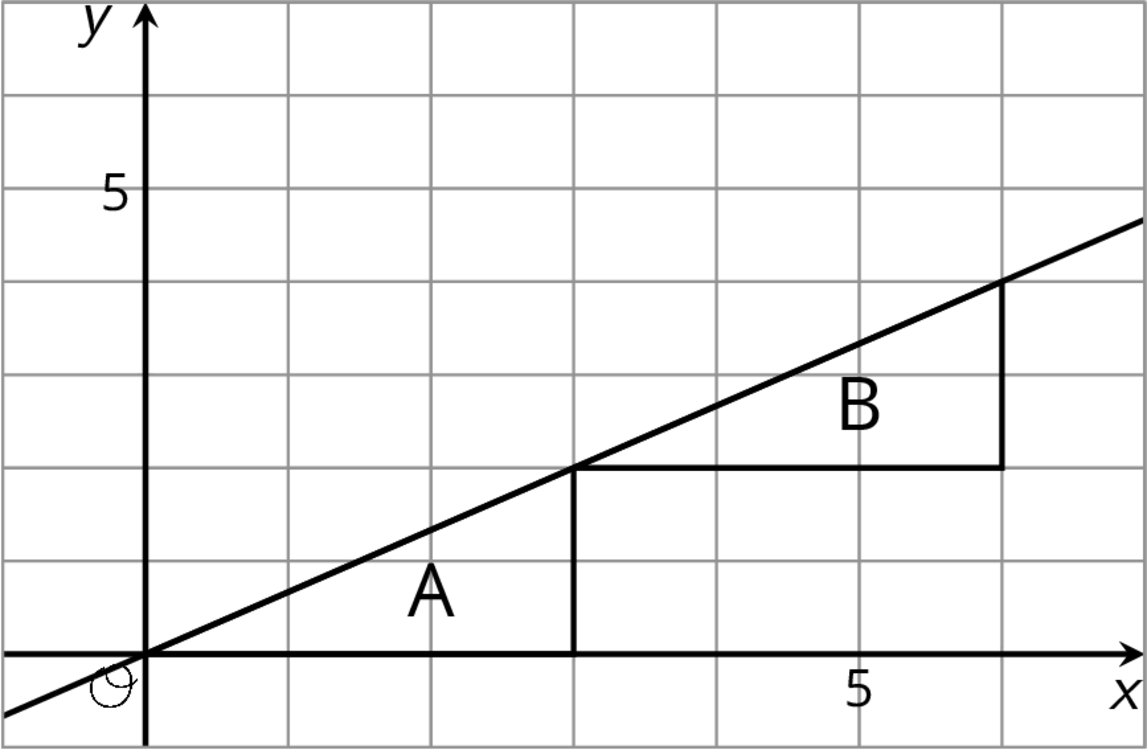
### Lesson 6 Practice Problems

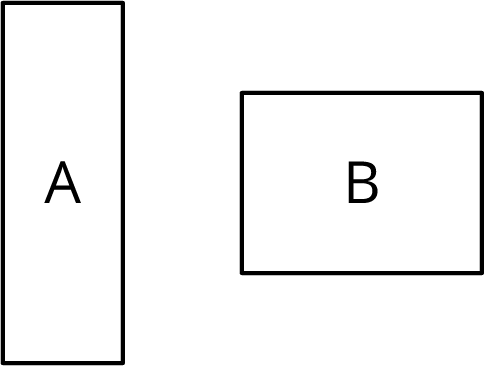
1. Is there a rigid transformation taking Rhombus P to Rhombus Q? Explain how you know.

* 

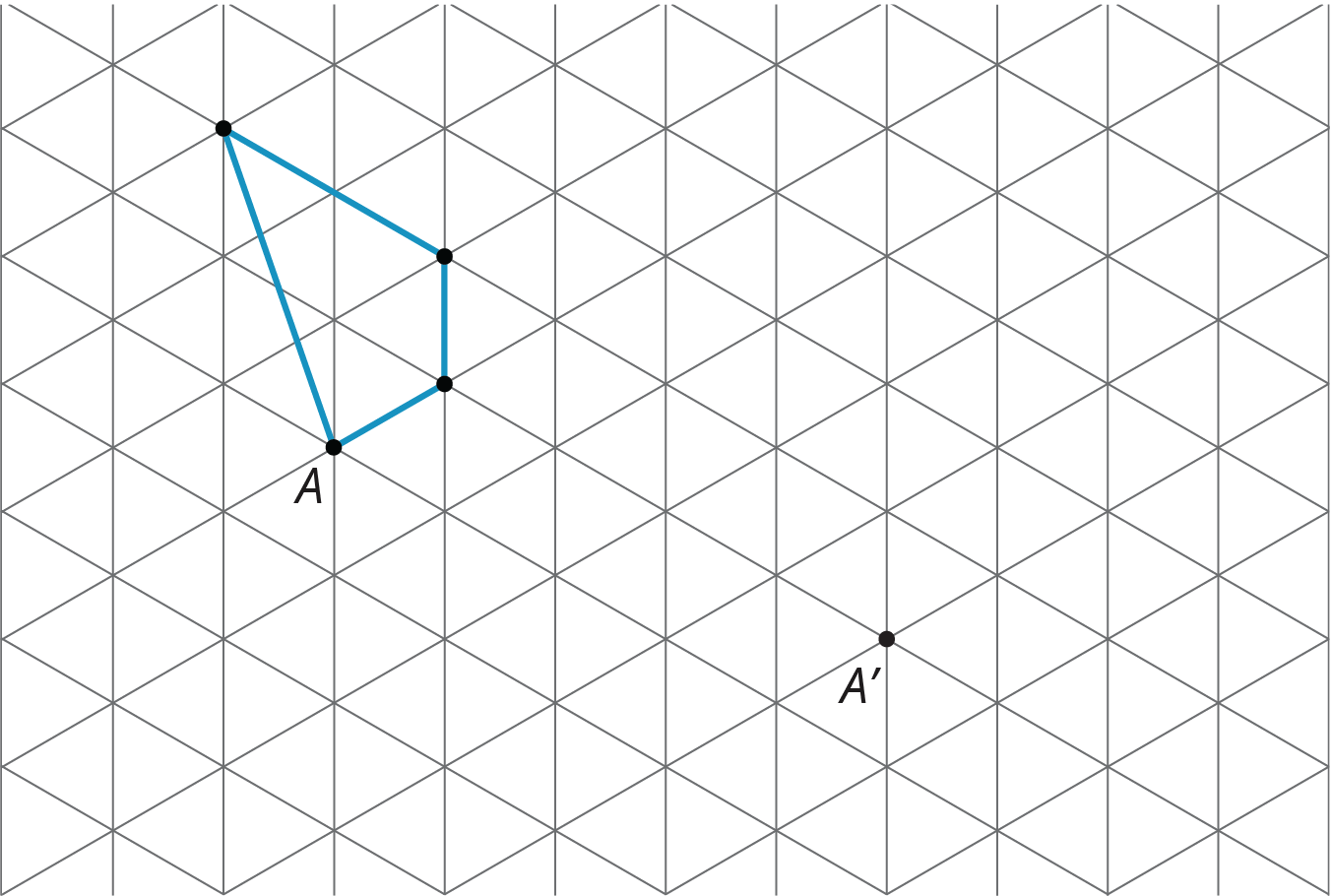
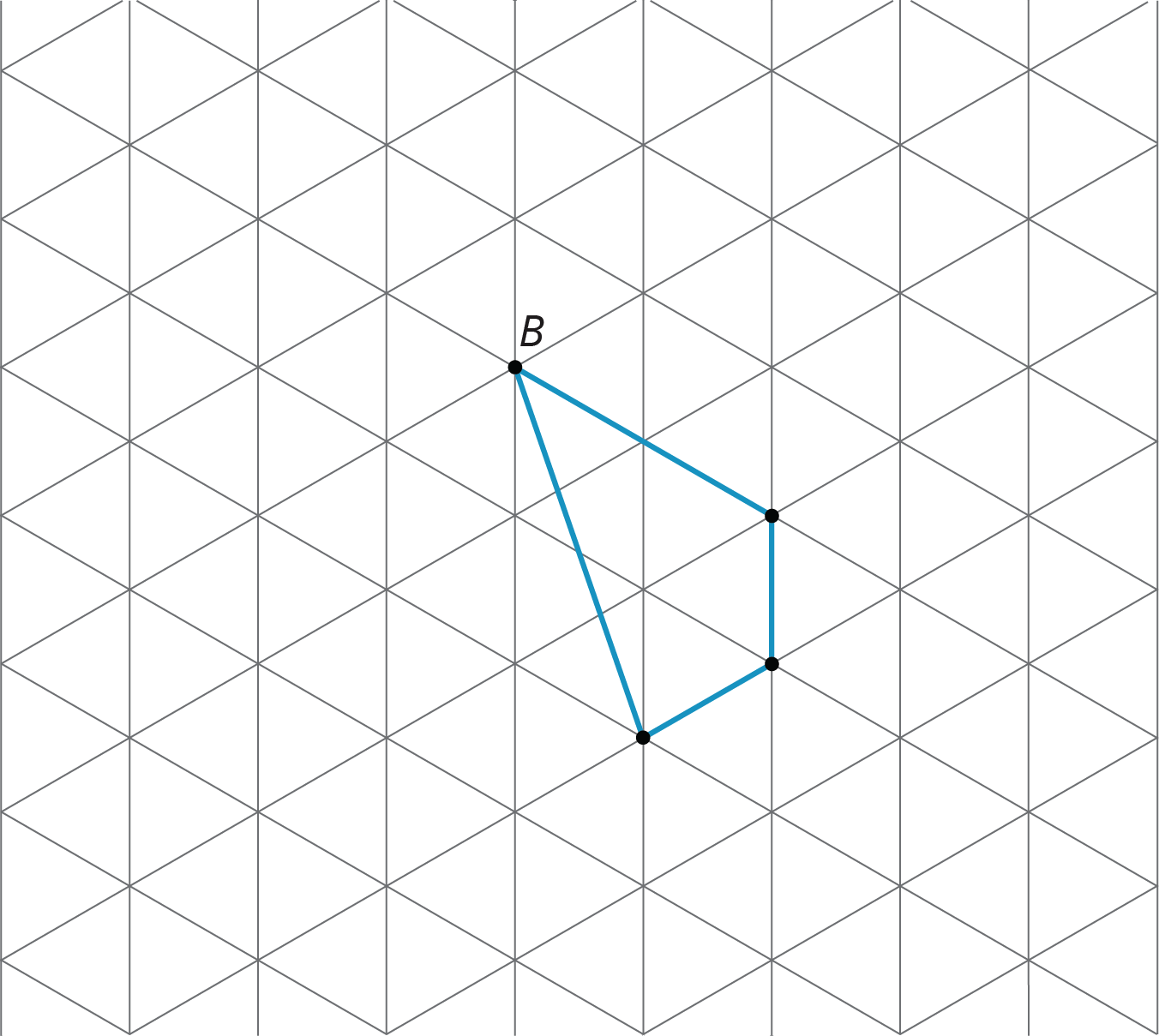
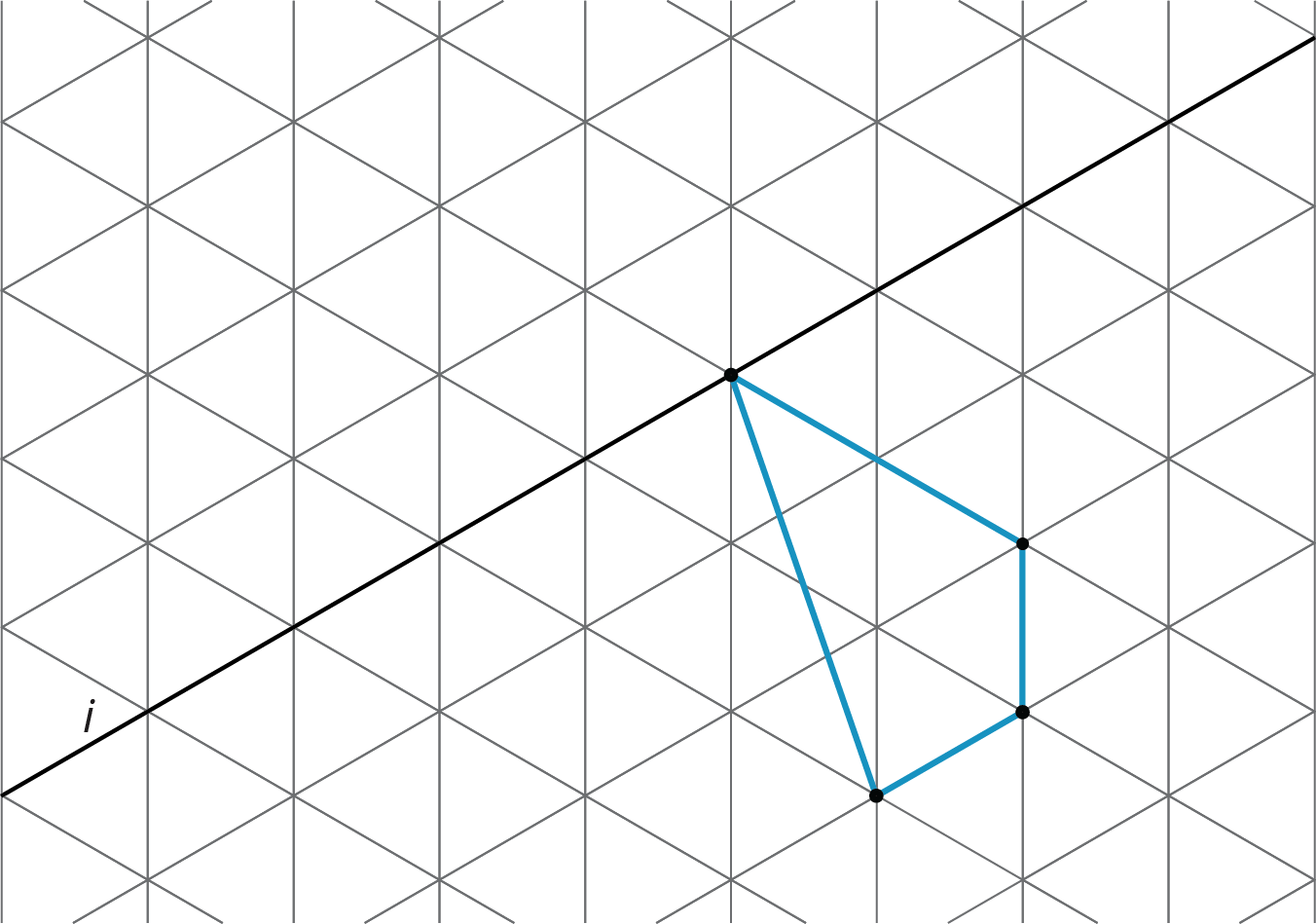
1. Describe a rigid transformation that takes Triangle A to Triangle B.

* 

1. Is there a rigid transformation taking Rectangle A to Rectangle B? Explain how you know.

* 

1. For each shape, draw its image after performing the transformation. If you get stuck, consider using tracing paper.
   1. Translate the shape so that goes to .

* 
  1. Rotate the shape 180 degrees counterclockwise around .
* 
  1. Reflect the shape over the line shown.
* 
* (From Unit 1, Lesson 3.)



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