### Lesson 6 Practice Problems

1. Is there a rigid transformation taking Rhombus P to Rhombus Q? Explain how you know.
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*
1. Describe a rigid transformation that takes Triangle A to Triangle B.
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1. Is there a rigid transformation taking Rectangle A to Rectangle B? Explain how you know.
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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 $A$ goes to $A^{′}$.
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	1. Rotate the shape 180 degrees counterclockwise around $B$.
* 
	1. Reflect the shape over the line shown.
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* (From Unit 1, Lesson 3.)



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