

1. Circle which of the following are rigid transformations. Under each picture, label the transformation.

Pre-Image



a)



b)



c)



d)



e)

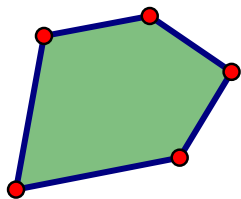


f)

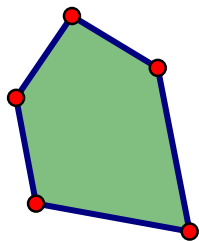


2. Circle which of the following are rigid transformations. Under each picture, label the transformation that has been done.

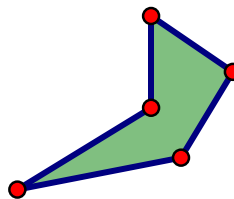
Pre-Image



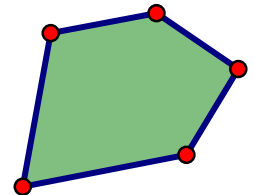
a)



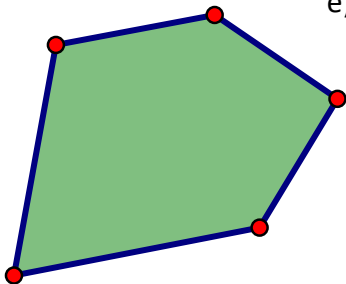
b)



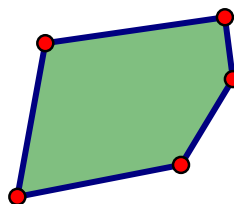
c)



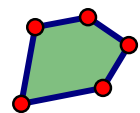
d)



e)














f)



3. Jane claims that a transformation on any two circles is always a rigid motion because the shape never changes. Is she correct? YES or NO Explain your answer.

4. Determine if the pre-image and image are a result of rigid motion and also the transformation.

PRE-IMAGE	Circle Answer	Circle Answer	IMAGE
	<p>Rigid Motion</p> <p>Not Rigid Motion</p>	<p>Rotation</p> <p>Reflection</p> <p>Translation</p> <p>Dilation</p> <p>Stretch</p> <p>Other</p>	
	<p>Rigid Motion</p> <p>Not Rigid Motion</p>	<p>Rotation</p> <p>Reflection</p> <p>Translation</p> <p>Dilation</p> <p>Stretch</p> <p>Other</p>	
	<p>Rigid Motion</p> <p>Not Rigid Motion</p>	<p>Rotation</p> <p>Reflection</p> <p>Translation</p> <p>Dilation</p> <p>Stretch</p> <p>Other</p>	
	<p>Rigid Motion</p> <p>Not Rigid Motion</p>	<p>Rotation</p> <p>Reflection</p> <p>Translation</p> <p>Dilation</p> <p>Stretch</p> <p>Other</p>	
	<p>Rigid Motion</p> <p>Not Rigid Motion</p>	<p>Rotation</p> <p>Reflection</p> <p>Translation</p> <p>Dilation</p> <p>Stretch</p> <p>Other</p>	
	<p>Rigid Motion</p> <p>Not Rigid Motion</p>	<p>Rotation</p> <p>Reflection</p> <p>Translation</p> <p>Dilation</p> <p>Stretch</p> <p>Other</p>	