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| Transformations 8.g.1 a, b,&C, 8.G.2, 8.G.3, 8.G.4 |
| **Skill Check** Stuck? Get a hint here! **1** |  Check your answers here! |
| You Try! |
| 1. Which of these describes the transformation of the triangle?

1. Reflection over the x-axis
2. Reflection over the y-axis
3. Rotation 90° clockwise about the origin
4. Rotation 180° clockwise about the origin
 | 1. Triangle JKL has vertices J(2,4), K(3,1), and L(3,3). A translation maps the point J to J’(3,3). What are the coordinates of K’?
2. (-3,1)
3. (2,2)
4. (3,2)
5. (4,0)
 |
| 1. A figure is located ENTIRELY in the third quadrant. If it is reflected over the y-axis, in which quadrant will the reflected image lie?
2. Quadrant I
3. Quadrant II
4. Quadrant III
5. Quadrant IV
 |
| 1. Which transformation will result in an image that is similar, but not congruent, to the pre-image?
2. Translation B. Reflection C. Rotation D. Dilation
 |

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