

## Module 18 Review for Quiz

1.  $A''(-2, -4)$ ,  $B''(-6, -9)$
2. Possible answer: reflect across the y-axis then reflect across the x-axis
3. A
4. yes; the transformation was a reflection, and a reflection is a rigid transformation, so the image is congruent to the original figure
5. No; the transformation used was non-rigid, so the image is not congruent to the original figure.
6. A
7. D
8.  $\overline{FG} \cong \overline{TM}$ ,  $\overline{GH} \cong \overline{MR}$ ,  $\overline{HJ} \cong \overline{RL}$ , and  $\overline{JF} \cong \overline{LT}$
9.  $\angle F \cong \angle T$ ,  $\angle G \cong \angle M$ ,  $\angle H \cong \angle R$ ,  
and  $\angle J \cong \angle L$
10. Draw the image:  $T'(-2, -1)$ ,  $U'(-4, -3)$ ,  $V'(-1, -5)$
11.  $92^\circ$
12. 15