Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Constructions of Rotations and Reflections: Practice (Graded)**

**Rotate the given figures around the point of rotation, point R.**

1. Rotate 70° counterclockwise



Reflect the given figure over the given line.

2.

**3. The figure to the left is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

True or False:

\_\_\_\_\_\_\_\_\_\_4. C’C=CA

\_\_\_\_\_\_\_\_\_5. AA’⊥DE

\_\_\_\_\_\_\_\_\_6. BB’⊥CA

\_\_\_\_\_\_\_\_\_7. EC’=EC

8. The transformation performed

to the right is a

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

True or False:

\_\_\_\_\_\_\_\_\_\_9. D’A=DA

\_\_\_\_\_\_\_\_\_\_10. **<DAD’=<CAD’**

\_\_\_\_\_\_\_\_\_\_11. B’A=BA

\_\_\_\_\_\_\_\_\_\_12. <CAC’= <BAB’