

Name: _____

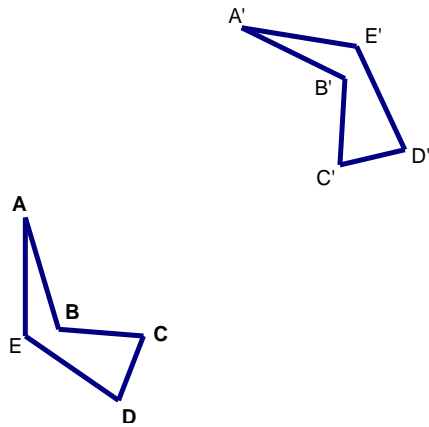
Date: _____

UNIT 2

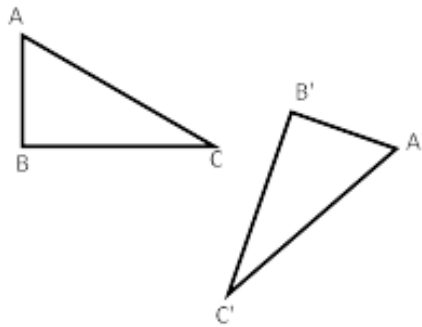
QUIZ REVIEW

Directions: Complete the following constructions using a compass and a straight edge. Leave all construction marks!

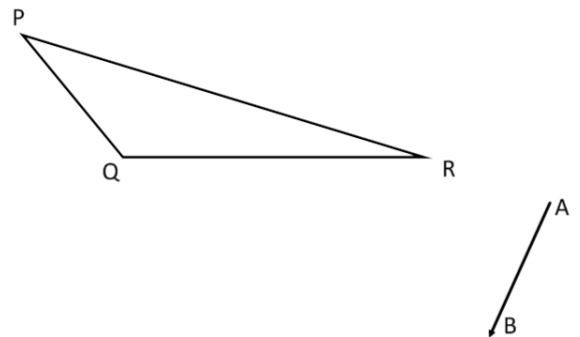
1. $\triangle A'B'C'$ is the image of $\triangle ABC$ when a reflected about a line. Construct the line of reflection.



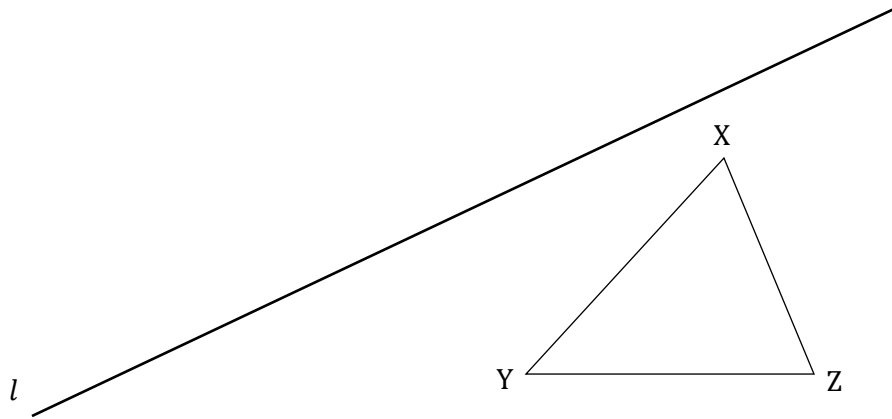
2. Using a compass and a straightedge construct the center of rotation



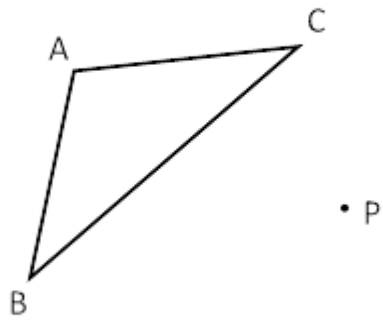
3. Use your compass and straightedge to apply $T_{\overline{AB}}$ ($\triangle PQR$).



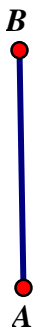
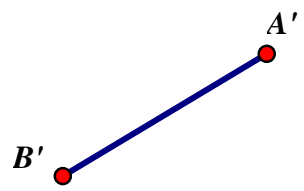
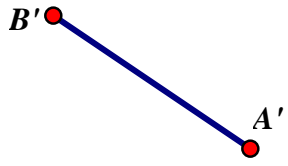
4. Reflect $\triangle XYZ$ over line l .



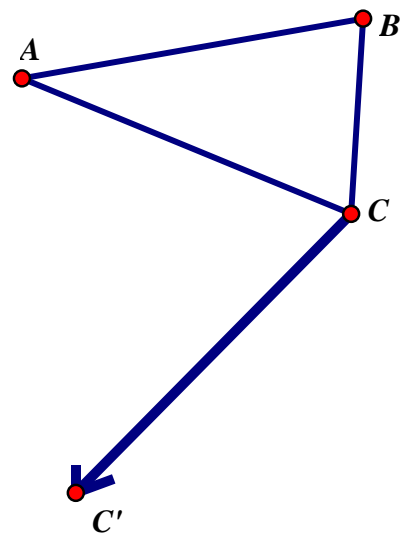
5. Use your compass and straightedge to rotate $\triangle ABC$ about point P 180° .



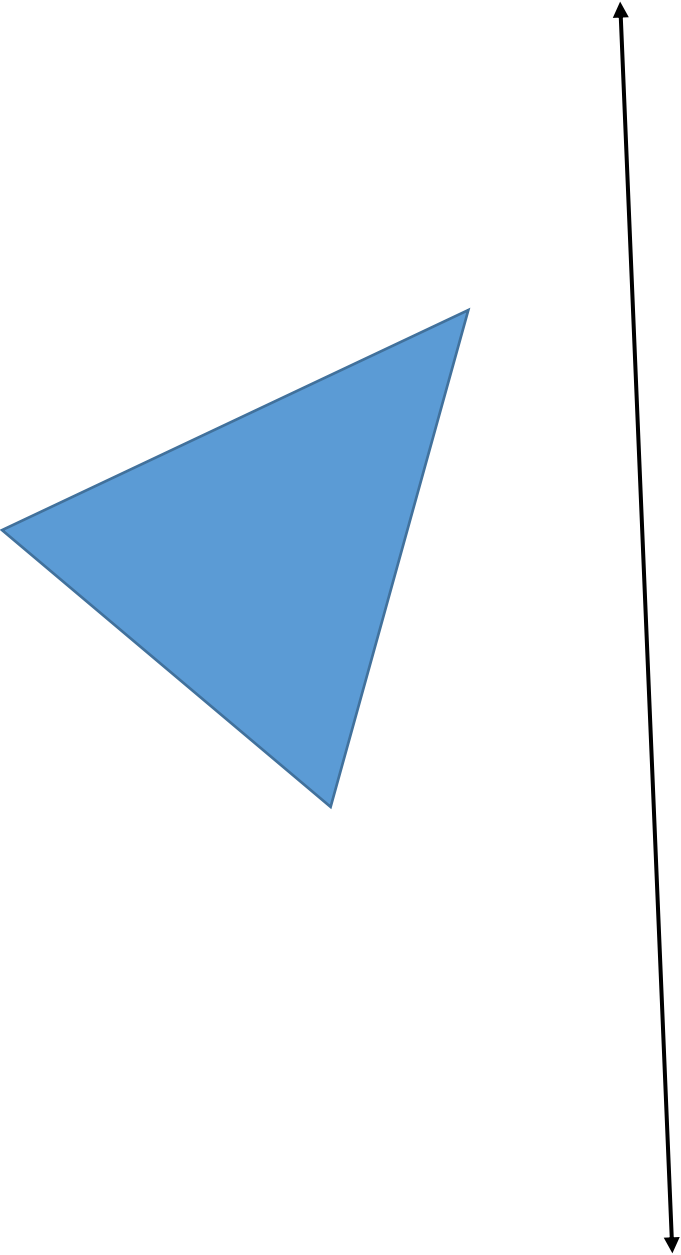
6. For the following, determine the center of rotation for \overline{AB} and $\overline{A'B'}$.



7. Use a compass and straight edge to construct the following translation.



8. Construct the image of the triangle reflected in the line.



9. For the following, construct the line of reflection:

