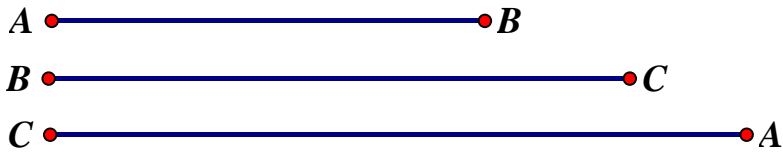
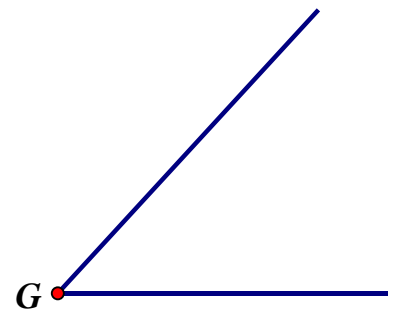
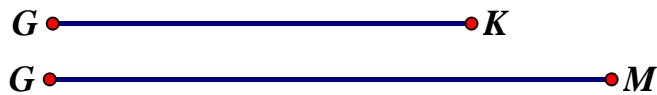


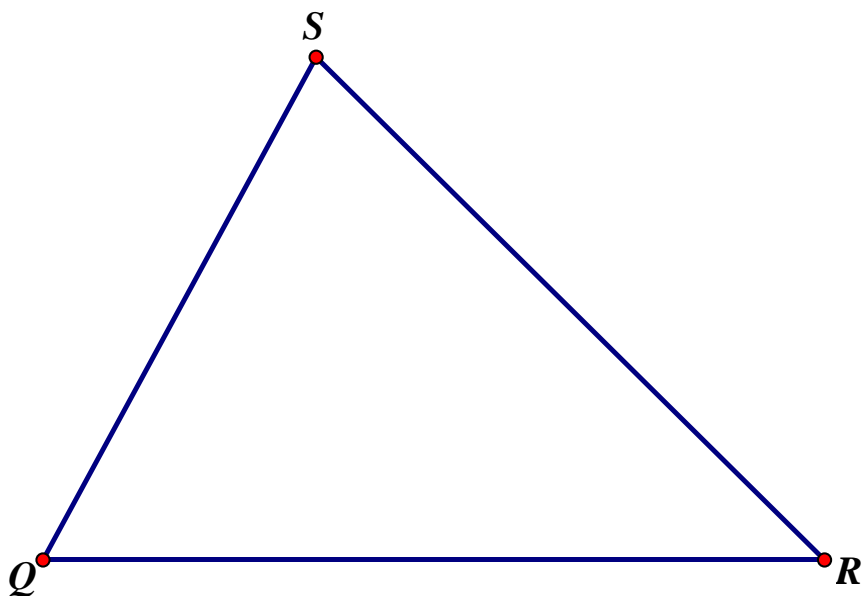
1. Construct $\triangle ABC$ using only a compass and straightedge.



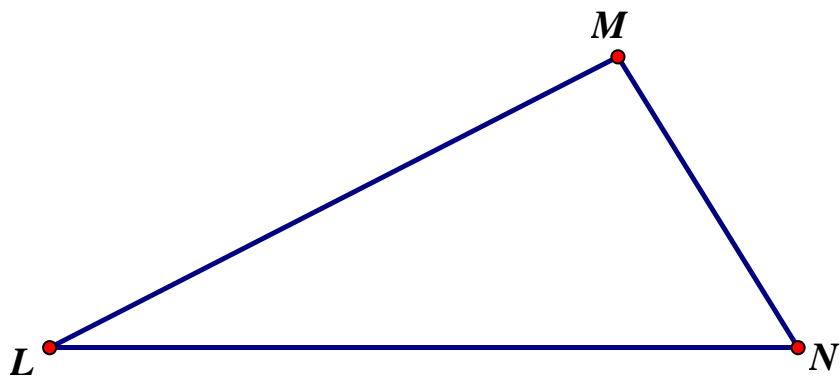
2. Construct $\triangle GKM$ using only a compass and straightedge.



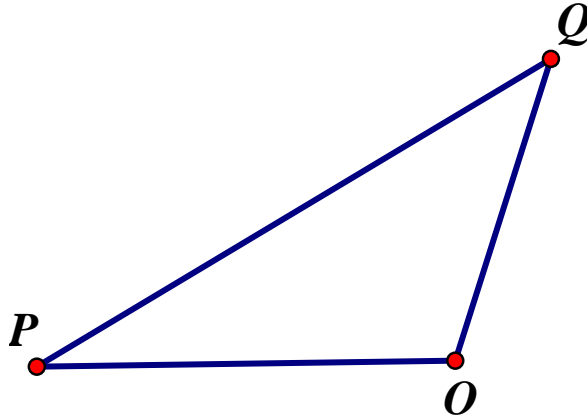
3. Construct the incenter of $\triangle SQR$. Use this point to construct the inscribed circle.



4. Construct the circumcenter of $\triangle LMN$. Use this point to construct the circumscribed circle.

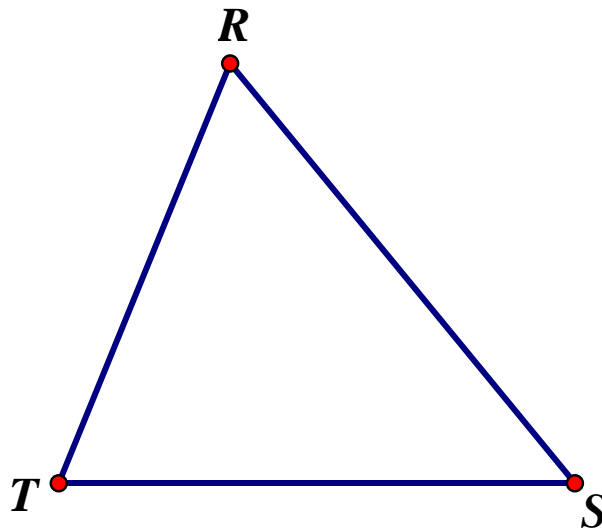


5. Construct the orthocenter of $\triangle POQ$. You may need to extend the lines of the triangle.



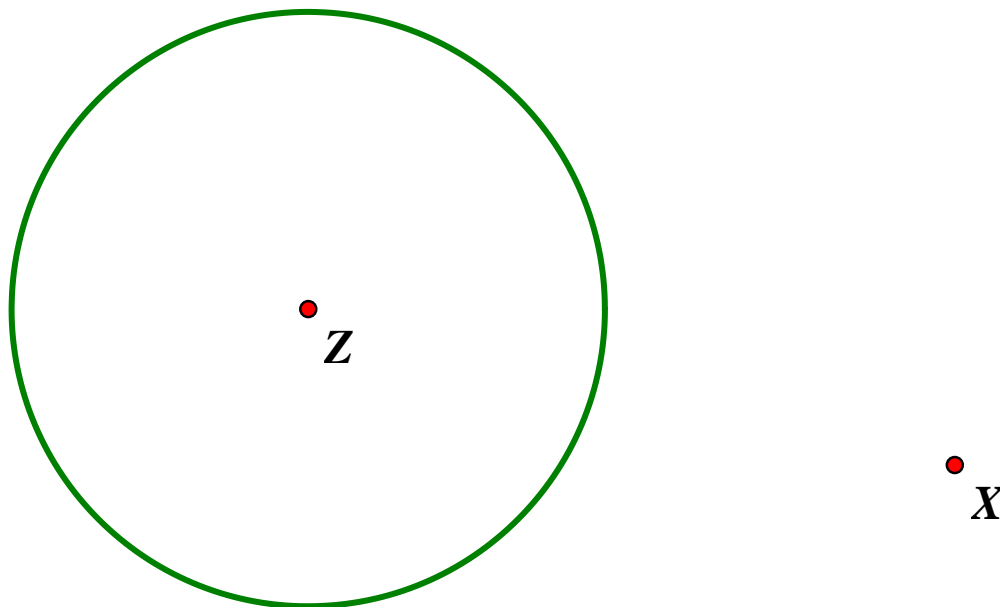
6. What properties does an Orthocenter have?

7. Construct the centroid of $\triangle RST$.



8. List the two properties of the centroid:

9. Construct the tangent line \overleftrightarrow{XT} from point X to $\odot Z$.



10. Construct a regular hexagon.

11. Write down two questions you still have about constructions: