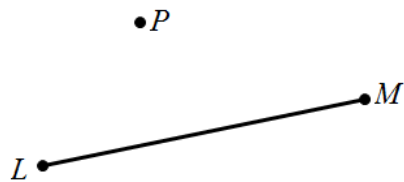


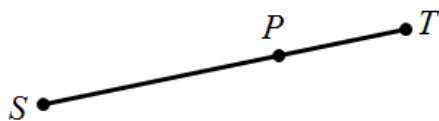
1. Construct  $\overline{CMD}$ , the perpendicular bisector of segment  $RT$ , where  $M$  is the point of intersection. Write an **equality** statement about segments  $RM$  and  $TM$ .



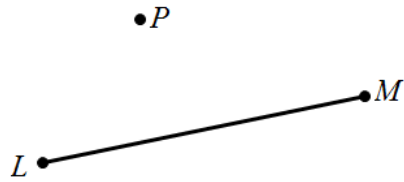
2. Construct a line through point  $P$ , perpendicular to line  $LM$ .



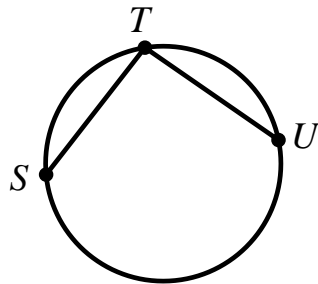
3. Construct a line through point  $P$ , perpendicular to line  $ST$ .



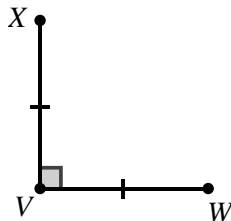
4. Construct a line through point P, parallel to line LM.



5. The center of a circle can be located by constructing the perpendicular bisectors of any two chords in the circle. In the circle below, chords  $ST$  and  $TU$  are drawn. Find and label the center of the circle.



6. The figure below represents half of a square with  $m\angle V = 90^\circ$  and  $\overline{XV} \cong \overline{WV}$ . Use your knowledge of constructions to construct the remaining sides of the square.

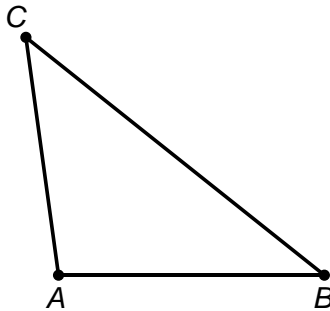


**Mixed Review:**

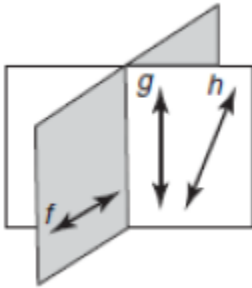
7. Construct equilateral triangle ABC, using segment RT as the length of its sides.



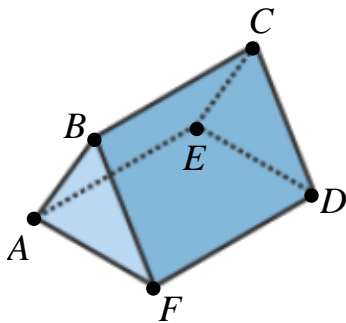
8. Construct and label  $\overline{AD}$ , the bisector of angle A of triangle ABC. Write a **congruency** statement using the angles formed.



9. Name 2 skew lines and 2 coplanar lines in the figure.



10.



a. Name the intersection of plane ABF and plane CEB.

b. Name a line that is skew to line FD.

c. Are points B, E, and D coplanar? Explain your reasoning.