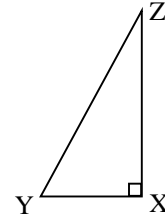
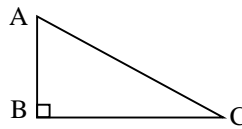


Directions: **Show all work** neatly on this paper.

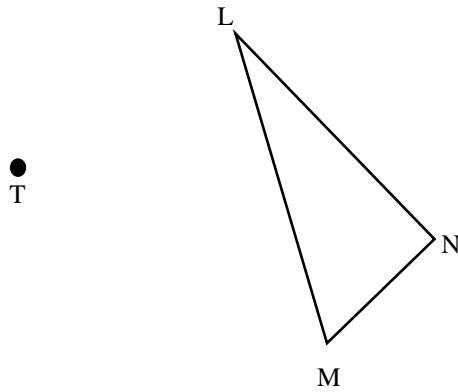
1. Place point B on the segment below so that AB:BC is a 1:5 ratio. Show all construction markings.



2. Given: $\frac{AB}{YX} = \frac{BC}{XZ}$
Prove: $\angle A \cong \angle Y$



3. Dilate $\triangle LMN$ using scale factor -1.5 and center T. Label the vertices of the image. Show all marks.



4. Dilate Quad DEFG using scale factor $\frac{1}{2}$ and center P. Label the vertices of the image. Show all marks.

