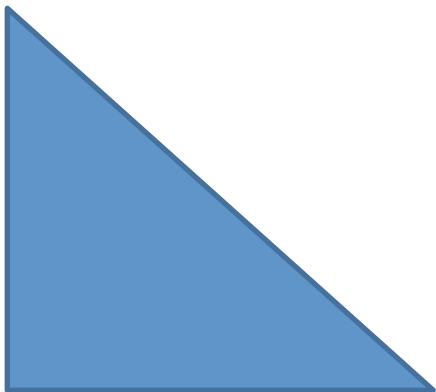
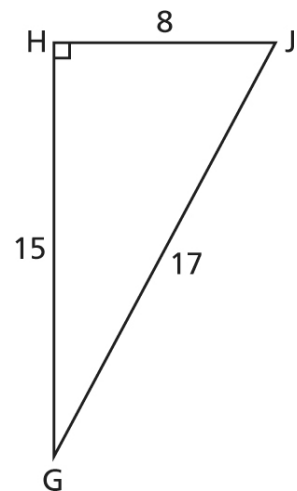


Sec. 2.4 – The Sine and Cosine Ratios

SOHCAHTOA

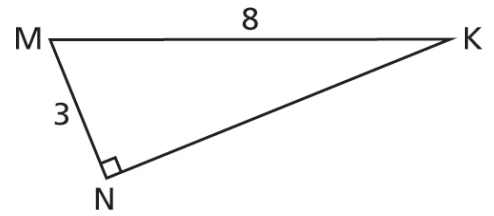


1. a) In $\triangle GHJ$, identify the side opposite $\angle G$ and the side adjacent to $\angle G$.

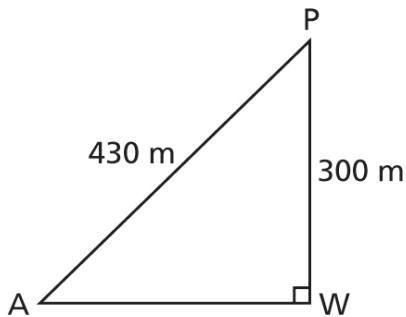


- b) Determine $\sin G$ and $\cos G$ to the nearest hundredth.

2. Determine the measures of $\angle K$ and $\angle M$ to the nearest tenth of a degree.



3. An observer is sitting on a dock watching a float plane in Vancouver harbour. At a certain time, the plane is 300 m above the water and 430 m from the observer. Determine the angle of elevation of the plane measured from the observer, to the nearest degree.



****Angle of Elevation**** of an object above the horizontal is the angle between the horizontal and the line of sight from an observer