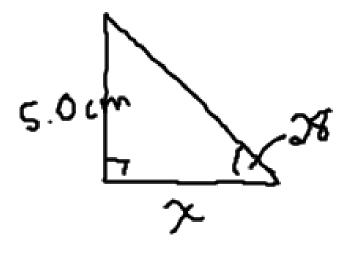
HW Review



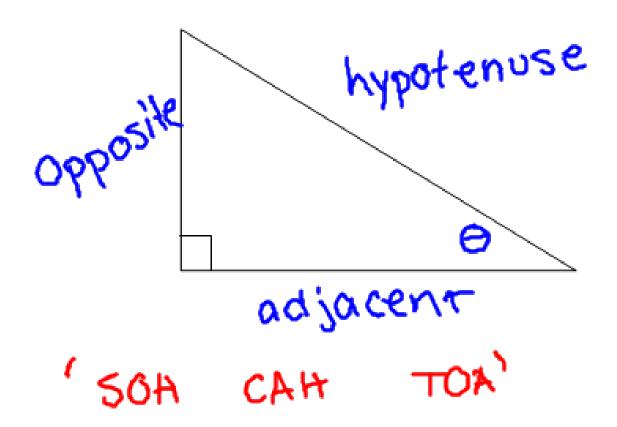
$$(x)$$
tan 28 = $\frac{5.0}{x}$ (x)

$$\Theta = \tan^{-1}\left(\frac{12.0}{4.5}\right)$$

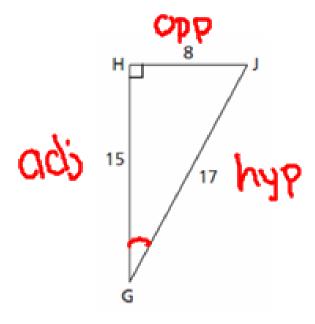
3 d. 4.0 cm/2 m

$$(4.0)$$
tan 43 = $\frac{m}{8.0}$ (8.0)

2.4 The Sine and Cosine Ratios



- a) In △GHJ, identify the side opposite ∠G and the side adjacent to ∠G.
 - b) Determine sin G and cos G to the nearest hundredth.



$$sin \Theta = \frac{OPP}{hyP}$$

 $sin G = \frac{8}{17}$

Determine the measures of ∠K and ∠M to the nearest tenth of a degree.

$$\sin \theta = \frac{\text{OPP}}{\text{hyp}}$$

$$\sin K = \frac{3}{8} \left(\frac{3}{8} \right)$$

$$\angle K = 22.0^{\circ}$$

$$\angle K = 22.0^{\circ}$$

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.

HW=> Pg. 95 - #4-8, 10