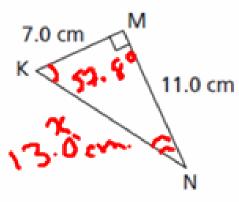
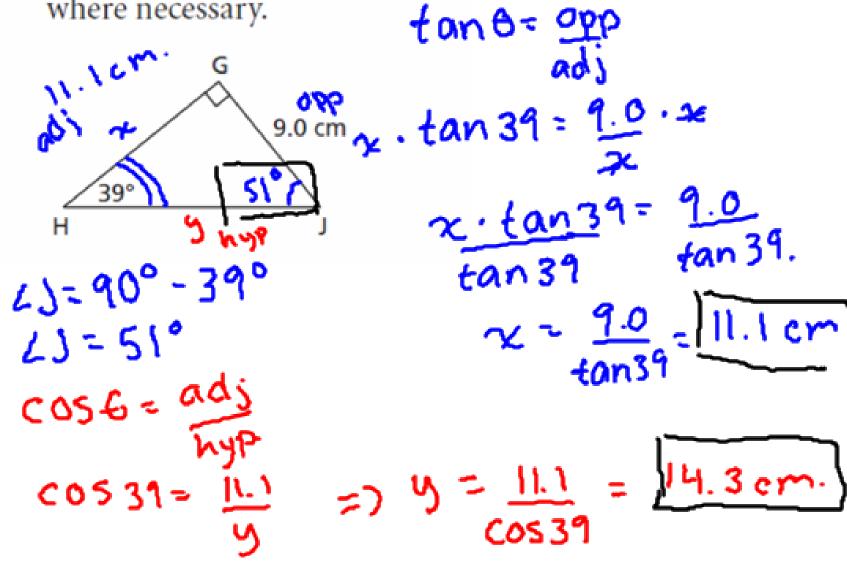
ICA-Oct 27th (Thursday)
-HWP- Wednesday *
Test- Nov 4th (Friday)

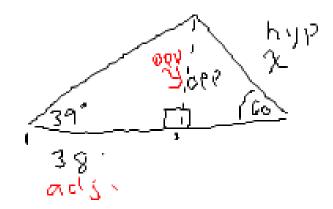
2.6 Applying the Trigonometric Ratios

1. Solve this triangle. Give the measures to the nearest tenth.



2. Solve this triangle. Give the measures to the nearest tenth where necessary.





39 35.5

$$C^{2} = Q^{2} + \chi^{2}$$

 $35.5^{2} - (30.77)^{2} = \chi^{2}$
 $\sqrt{313.4571} = \sqrt{\chi^{2}}$
 $17.70. = \infty$

3. A window has the shape of a regular decagon. The distance from one vertex to the opposite vertex, measured through the centre of the window, is approximately 4 ft. Determine the length of the wood moulding material that forms the frame of the window, to the nearest foot.

