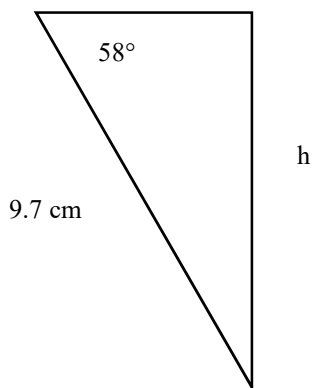


0.3 Sine Ratio Practice

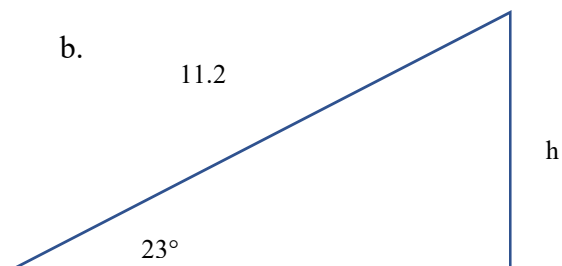
Round all lengths to the nearest hundredth and angles to the nearest degree.

1. Calculate the length of missing side in the following diagrams.

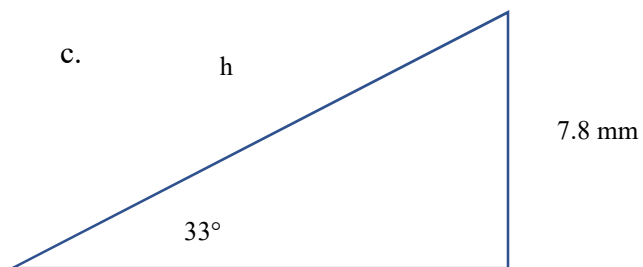
a.



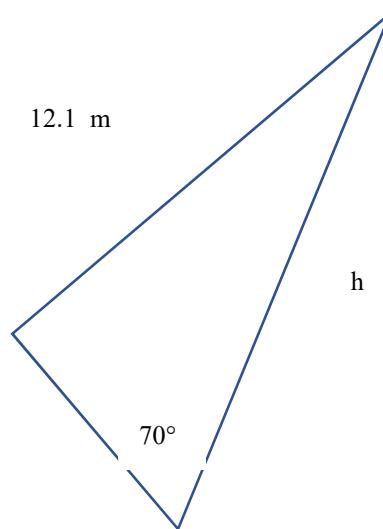
b.



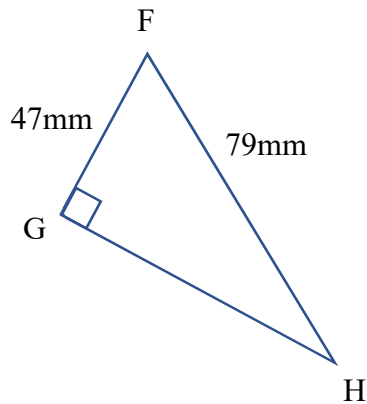
c.



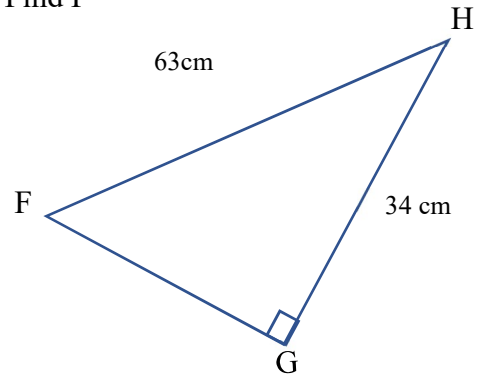
d.



Find H



Find F



2. A rafter makes an angle of 28° degrees with the horizontal. If the rafter is 15 ft. long, what is the height at the rafter's peak?
3. How high is a weather balloon tied to the ground if it is attached to a 15 -metre string and the angle between the string and the ground is 35° ?

