## Triangle Area

 $Short\text{-}answer\ measuring\ problems.$ 

 $\begin{array}{ll} \textbf{Problem} & \textbf{1} & \text{Carefully measure heights to compute the area of the triangle} \\ \text{below in three ways.} \end{array}$ 

Geogebra link: https://tube.geogebra.org/m/mjscvuw3

- (a) When AB is the base, the height is  $\boxed{1.7}$ , so the area is  $\boxed{5.46}$ .
- (b) When BC is the base, the height is  $\boxed{2.41}$ , so the area is  $\boxed{5.46}$ .
- (c) When CA is the base, the height is  $\boxed{3.9}$ , so the area is  $\boxed{5.46}$ .

Learning outcomes: Author(s): Brad Findell