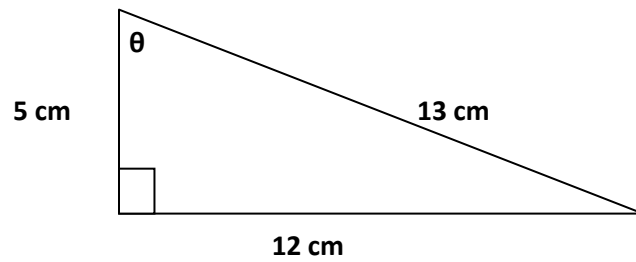
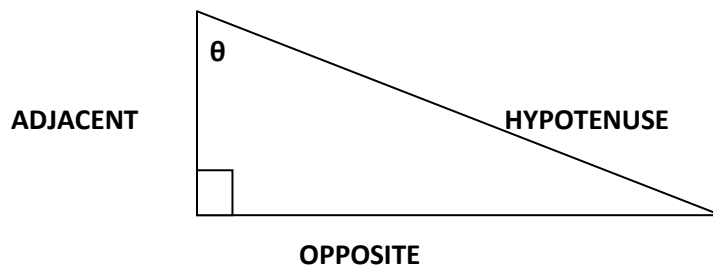


FINDING TANGENT θ



Label the three sides:



TOA:

$$\text{Tangent } \theta = \text{opposite} \div \text{adjacent} = 12 \div 5 = 2.4$$

To find the angle:

$$\theta = \tan^{-1} 2.4 \approx 67.4^\circ$$