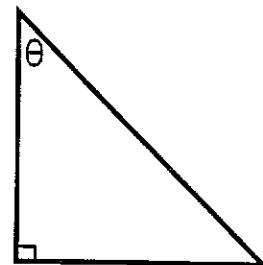
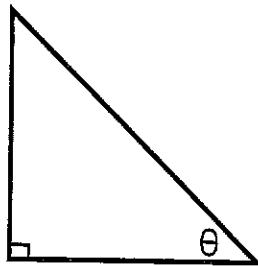


# Right Triangle Trigonometry



Label the sides based from the angle  $\theta$

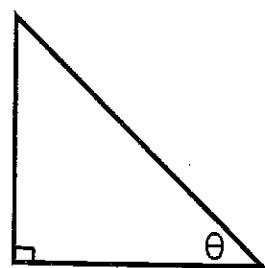
How do you set up a trig function?

Trig Name (angle) = ratio of the sides

Example:  $\sin\theta = \frac{4}{5}$

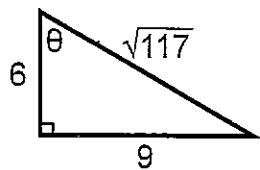
↑  
Trig name      ↓  
angle              }  
ratio of the sides

6 Trig functions



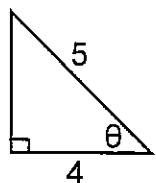
Given the following triangle.

Name the 6 Trig functions.



Given the following triangle.

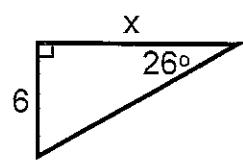
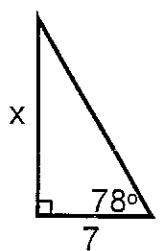
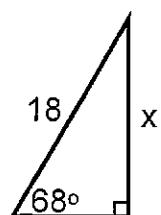
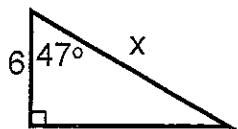
Name the 6 Trig functions.



Given that  $\cos\theta = \frac{8}{13}$

Name the 6 Trig functions.

Find x



## Special Right Triangles

