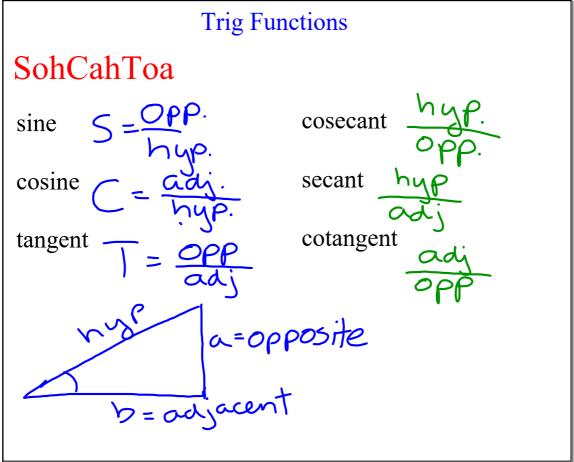
## 9-2 Trig Review

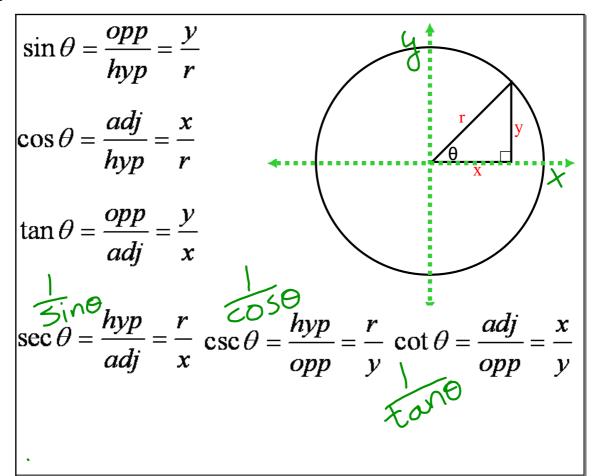
## **Objectives:**

- -I can find the trigonometric functions of acute angles.
- -I can identify reciprocal functions

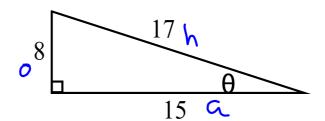
Jan 31-10:03 PM



Dec 16-9:05 AM



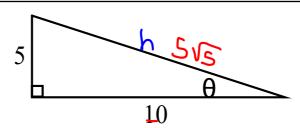
Dec 16-9:14 AM



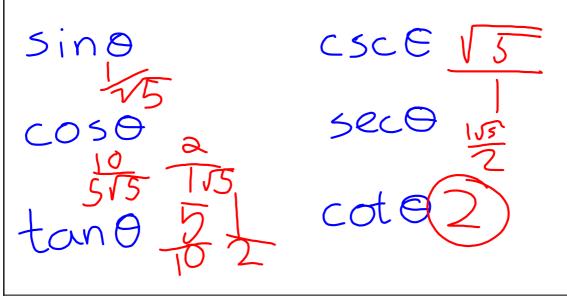
Find all six trig ratios for the given triangle:

$$sin \theta = \frac{8}{17}$$
  $csc \theta = \frac{17}{8}$   
 $cos\theta = \frac{15}{17}$   $sec \theta = \frac{17}{15}$   
 $tan \theta = \frac{8}{15}$   $cot \theta = \frac{15}{8}$ 

Dec 16-9:18 AM



Find all six trig ratios for the given triangle:



Dec 16-9:30 AM

Given the following trig function, find the remaining 5 functions:

$$\csc\theta = \frac{13}{5} = \frac{h}{0}$$

$$SIN \theta = \frac{5}{13}$$

$$CSC\theta = \frac{13}{5}$$

$$COS\theta = \frac{13}{13}$$

$$SEC\theta$$

$$Tan \theta = \frac{5}{5}$$

Dec 16-9:30 AM

Given the following trig function, find the remaining 5 functions:

$$\cot\theta = \frac{7}{12}$$

Feb 8-9:23 PM

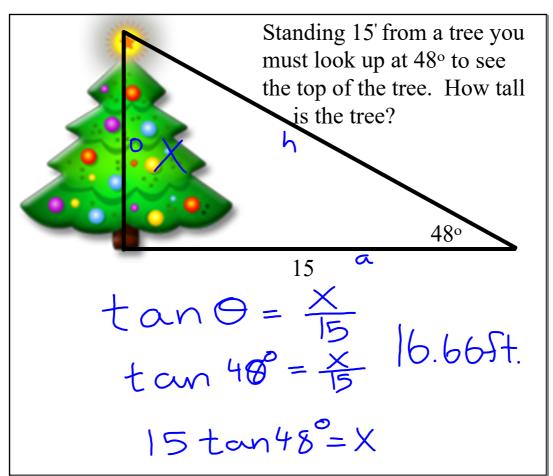
## Using your calculator, find:

$$\tan 8^{\circ} = \cot \frac{\pi}{12} = 3.73$$

$$\approx 0.14$$

$$\tan 8^{\circ} = \cot \frac{\pi}{12} = 3.73$$

$$\tan 5.25 = \cot 5.$$



Dec 16-9:39 AM

