

$$\sin \theta = \frac{\text{opp}}{\text{hyp}}$$

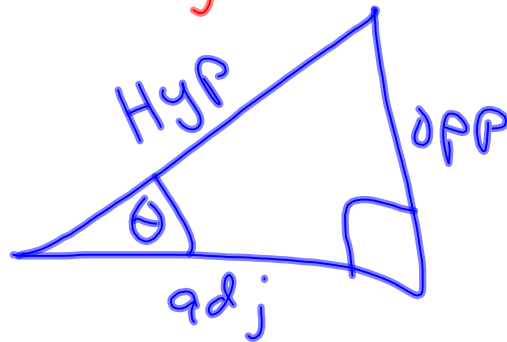
$$\csc \theta = \frac{\text{hyp}}{\text{opp}}$$

$$\cos \theta = \frac{\text{adj}}{\text{hyp}}$$

$$\sec \theta = \frac{\text{hyp}}{\text{adj}}$$

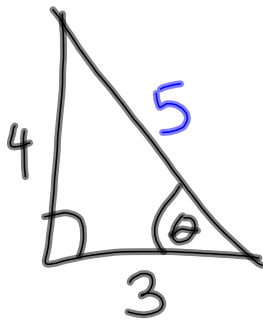
$$\tan \theta = \frac{\text{opp}}{\text{adj}}$$

$$\cot \theta = \frac{\text{adj}}{\text{opp}}$$



SOH
CAH
TOA

Apr 21-12:18 PM



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

$$\cos \theta = \frac{3}{5}$$

$$\tan \theta = \frac{4}{3}$$

$$\csc \theta = \frac{5}{4}$$

$$\sec \theta = \frac{5}{3}$$

$$\cot \theta = \frac{3}{4}$$

Apr 21-12:24 PM

30° 45° 60°
 Sin $\frac{1}{2}$ $\frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$ $\frac{\sqrt{3}}{2}$
 Cos $\frac{\sqrt{3}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{1}{2}$
 Tan $\frac{1}{\sqrt{3}} = \frac{\sqrt{3}}{3}$ 1 $\sqrt{3}$

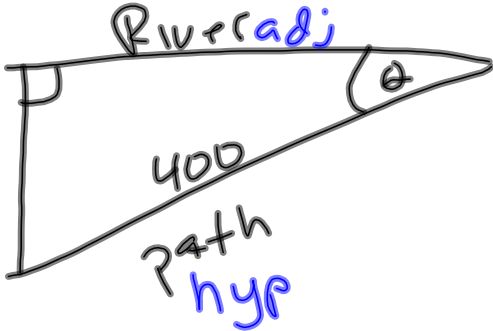
Apr 21-12:28 PM

pg 272 ex 7)

$\tan \theta = \frac{\text{opp}}{\text{adj}}$
 $\tan 71.5 = \frac{\text{opp}}{50}$
 $2.98 = \frac{x}{50}$
 $x = 149.4\text{ft}$

Apr 21-12:37 PM

ex 8)



$\sin \theta = \frac{200}{400} = \frac{1}{2}$

$\theta = 30^\circ$

Apr 21-12:46 PM

$\tan \theta = \frac{3}{4}$

$\tan \theta = .75$

$\tan^{-1} .75$

Apr 21-1:02 PM

Hw

pg 276

57-64

Tommorow and Wednesday

Read pg 278-283

Do pg 284-285

1-90 every 3rd
problem

Apr 21-12:49 PM