## So you have a trig problem...




What do you have to find?


| Angle |  |
| :---: | :---: |
| $\theta=\operatorname{Sin}^{-1}\left[\frac{\mathrm{opp}}{\mathrm{hyp}}\right]$ | Side |
| $\theta=\operatorname{Cos}^{-1}\left[\frac{\mathrm{adj}}{\mathrm{hyp}}\right]$ | $\operatorname{Sin} \theta=\frac{\mathrm{opp}}{\mathrm{hyp}}$ <br> $\theta=\operatorname{Tan}^{-1}\left[\frac{\mathrm{opp}}{\mathrm{adj}}\right]$$\quad$$\operatorname{Cos} \theta=\frac{\mathrm{adj}}{\mathrm{hyp}}$ <br> $\operatorname{Tan} \theta=\frac{\mathrm{opp}}{\mathrm{adj}}$ |

Use the Sine Law

What do you have to find?


©) Hint: Remember to... Sketch... State... Solve... Sentence

