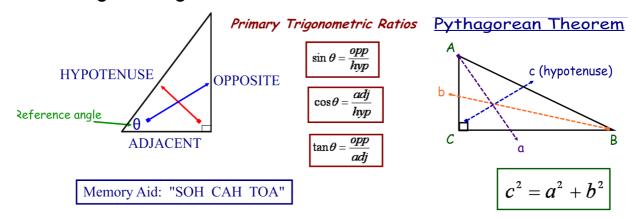
## REVIEW - What formula do I use? Ask yourself...

- Is it a right triangle? If Yes, then...



- If you are finding a side, do you have SAS? If Yes, then...

## Law of Cosines

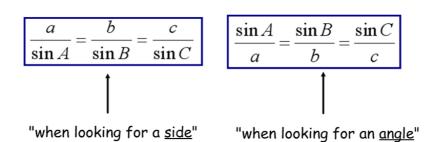
$$a^2 = b^2 + c^2 - 2bc \cos A$$

- If you are finding an angle, do you have SSS? If Yes, then...

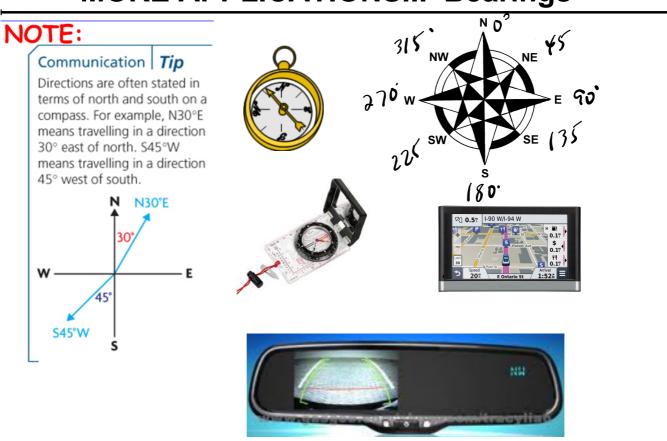
Law of Cosines (rearranged)

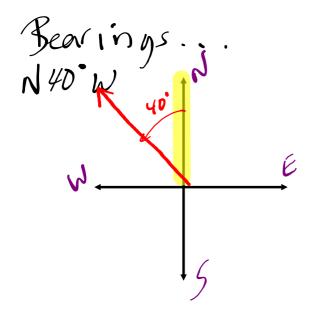
$$\cos A = \frac{b^2 + c^2 - a^2}{2bc}$$

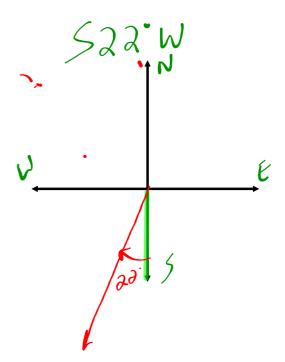
- Anything else...use your Law of Sines!



## **MORE APPLICATIONS...** Bearings







## Booklet Questions... 10.12: #8 - 12 Let's do #8 TOGETHER...

