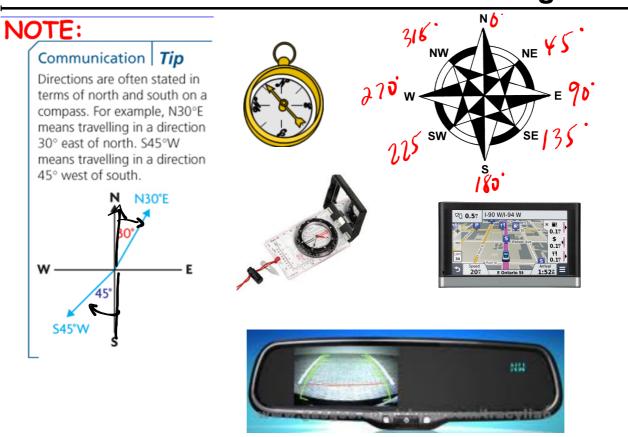
Finish in-class assignment... (20 minutes more)

When finished...work on these questions from the Trig Booklet:

Practice & Problems #7, 8, 9

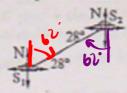
## **MORE APPLICATIONS...** Bearings



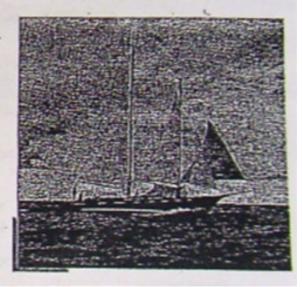
10.12

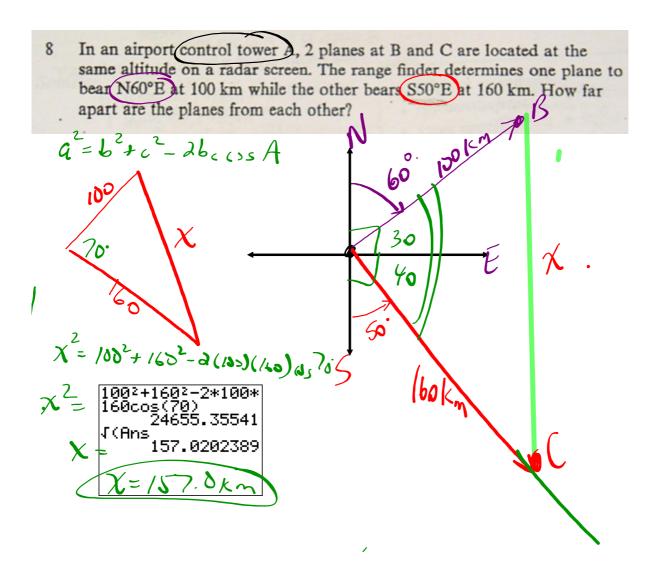
## Applications: The Cosine Law and Direction

We may use the Law of Cosines to solve problems that involve finding direction or bearing. For the two ships located in the diagram at S<sub>1</sub> and S<sub>2</sub>, we may state their bearing with respect to each other.



- The bearing of ship S<sub>2</sub> from S<sub>1</sub> is either E28°N or N62°E.
- The bearing of ship S, from ship S<sub>2</sub> is either W28°S or S62°W.





10:12 # //-12 (Bearings)
Practice: Problems # 7,8,9