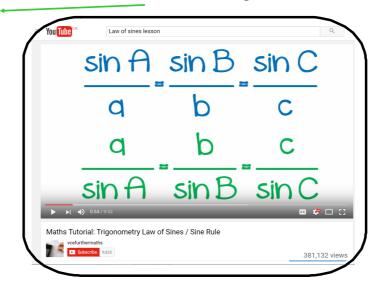
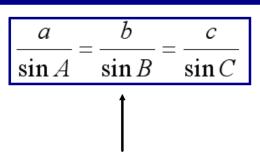
Foundations of Math 11 - Friday, March 17th

- 1) watch the video on Law of Sines
- 2) copy down the notes/examples with solutions
- 3) work on homework

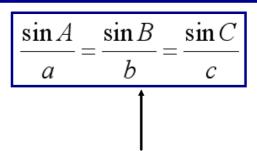
Click on the Globe to get the link!!!



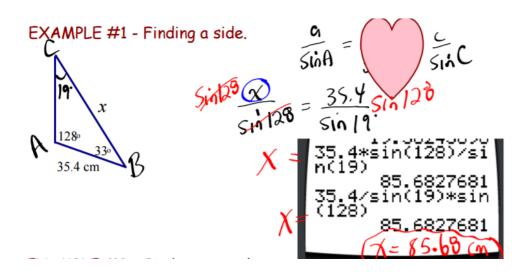
Law of Sines

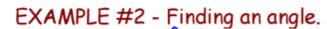


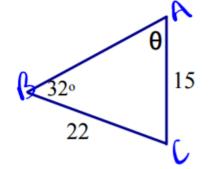
"when looking for a <u>side</u>"



"when looking for an angle"







$$\frac{300}{0} = \frac{510}{5}$$

$$\frac{2250}{32} = \frac{2250}{15}$$

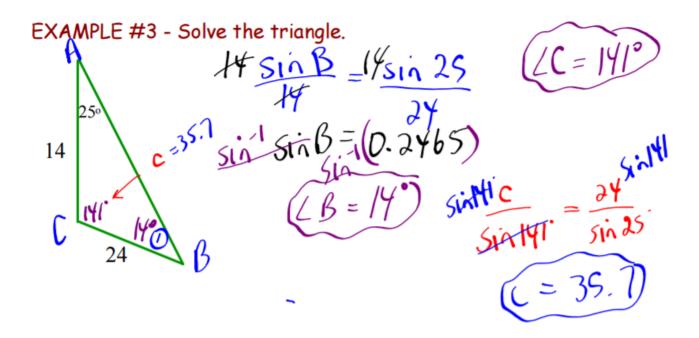
$$\frac{32}{15}$$

$$\frac{15}{50}$$

$$\frac{15}{50}$$

$$\frac{15}{50}$$

$$\frac{15}{50}$$

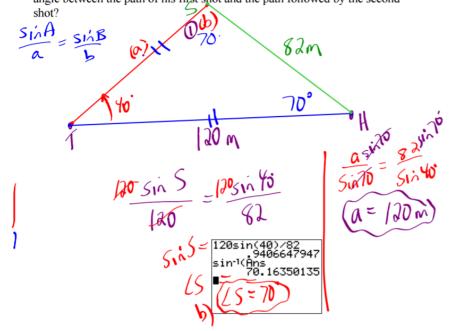


EXAMPLE #4 - Application

Suppose that Mr. Watters was playing a straight par-3 golf hole that was 120 m long. He hits one of his regular old slices that ends up 40 ° off line and is still 82 m from the hole.

(a) How far did his tee shot travel?

1500sceles (b) If he somehow miraculously hits his next shot onto the green, what was the angle between the path of his first shot and the path followed by the second



Homework...

Worksheet - Law of Sines.doc

Exercise 10.9

Exercise 10.10

#1 - 6

#1 - 3