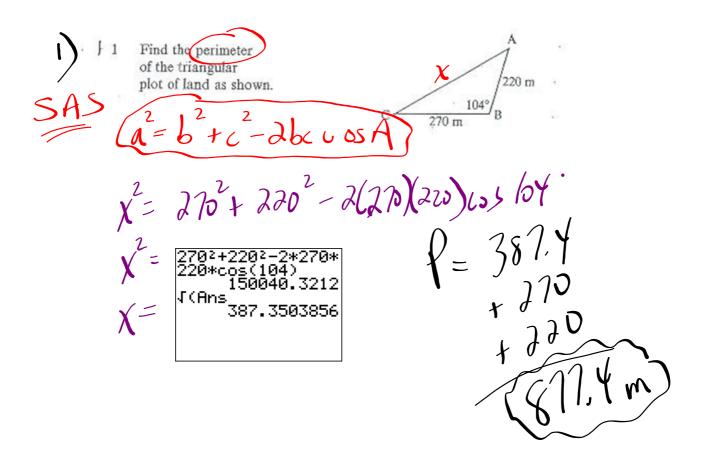
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Foundations of Math 11 - March

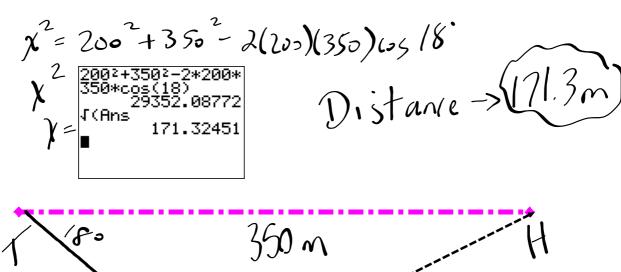
HOMEWORK: 10.11 #1, 2, 5ac, 7ab AND 10.12 #1, 2, 5, 6

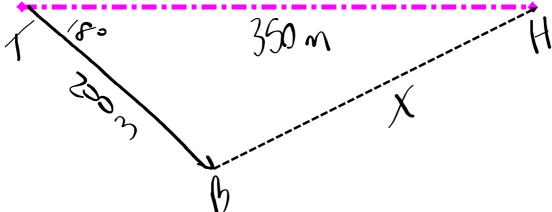
Attacker and	Class
Attachment	Size
d foundations_of_math_per2march_16.pdf	1.7 MB
d foundations_of_math_per4march_16.pdf	2.02 MB
10.11 SOLUE F	*555
7b) 6.3	65 (f) = 6+6-6)
43° 73/m	Kuz-13 - 62,68,45
SIA SIER	$\int \frac{1}{\sqrt{1 + \frac{1}{2}}} \int \frac{1}{\sqrt{1 + \frac{1}{2}}} 1$
$a = \frac{\sin 13}{b}$	1 - (67.4)
63 112'	$\left(35 + \frac{35.00}{72.00}\right)$
SINK = 510 43	(35) (75.06)
Sin Stork = 0.9548)	(IJ=43)
((= 73)	

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6 A golfer hits a tee shot on a 350 m long golf hole. The ball is sliced 18° to the right. If the ball travelled 200 m, how far is the ball from the golf hole, (to the nearest metre)?

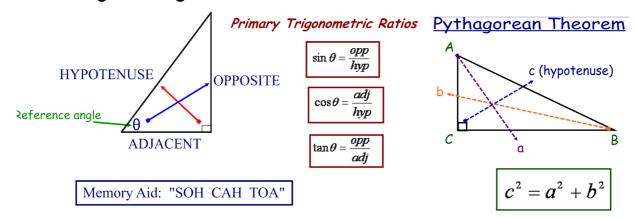




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REVIEW - What formula do I use? Ask yourself...

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



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

Law of Cosines

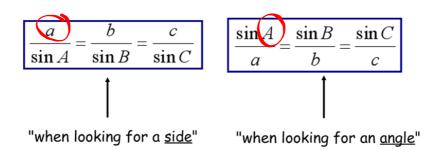
$$a^2 = b^2 + c^2 - 2bc \cos A$$

- 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!



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HOMEWORK...

Puzzle Review - Primary Trig, Law of Sines_Cosines.pdf

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

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

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

$$c^2 = a^2 + b^2$$

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

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

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$$

In Class Assignment on Wednesday!

Puzzle Review - Primary Trig, Law of Sines_Cosines.pdf