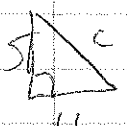
Identical to S. Pugal.

Ryan Orsvath

Written Homework #2

09/10

TOA: $\tan = \frac{opp}{adj}$ SOH: $\sin = \frac{opp}{hyp}$ CAH: $\cos = \frac{Adj}{Hyp}$



1) $\tan\theta = \frac{5}{11}$ $5^2 + 11^2 = c^2$

$25 + 121 = c^2$

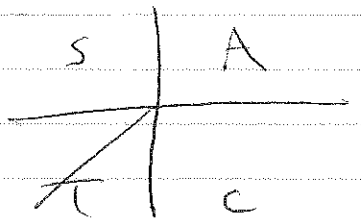
$\sqrt{146} = \sqrt{c^2}$

$c = 12.1$ ✗

09

You should not approximate

A = $\sin = \frac{-5}{12.1}$



B) $\cos = \frac{-11}{12.1}$

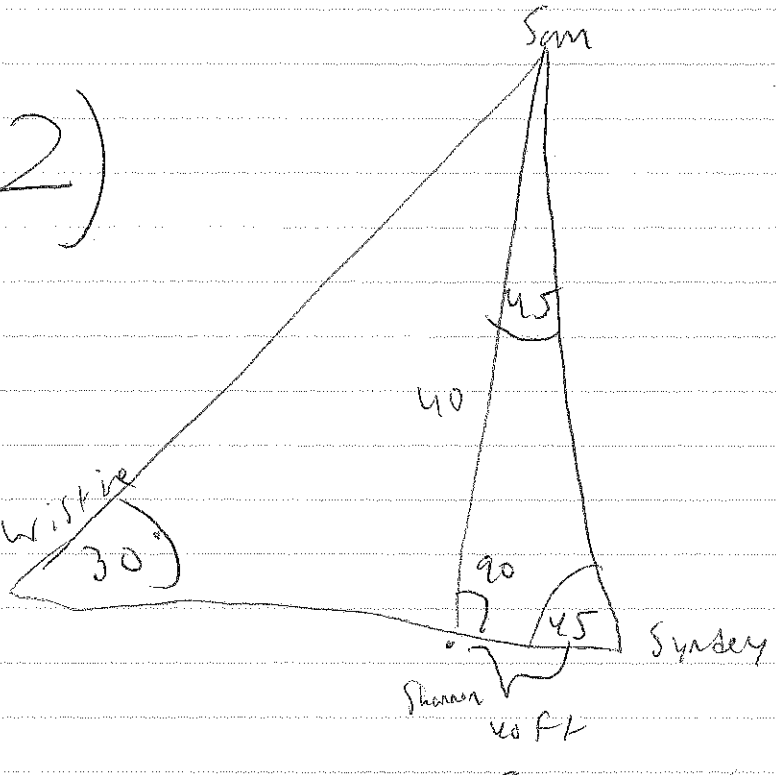
C) $\cot = \frac{1}{\tan} = \frac{1}{5/11}$

$\frac{11}{5}$

D) $\sec = \frac{hyp}{adj} = \frac{12.1}{11}$ ✗

E) $\csc = \frac{12.1}{-11}$

2)

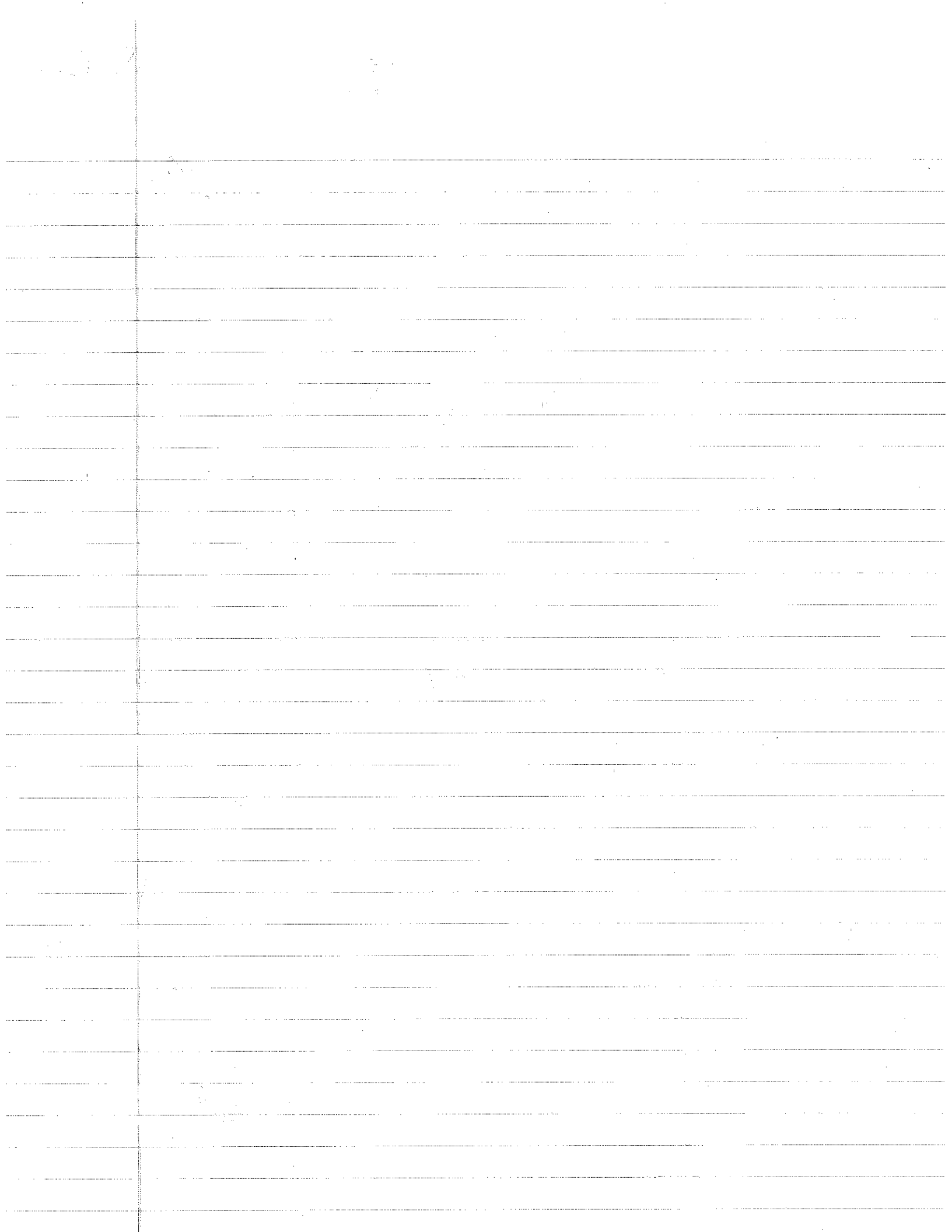


$\sin 30 = \frac{40}{x}$

$x = \frac{40}{\sin 30}$

05

$x = 80$

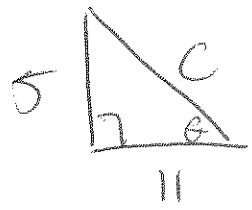


Justin Pogan

Identical to R. Oszvath

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

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



HW 2

$\frac{CP}{10}$

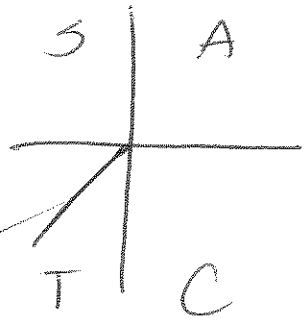
$5^2 + 11^2 = c^2$

1. $\tan\theta = \frac{5}{11}$ $25 + 121 = c^2$

$\sqrt{146} = \sqrt{c^2}$

$c = 12.1$ You should not approximate

A $\sin = \frac{5}{12.1}$



B $\cos = \frac{11}{12.1}$

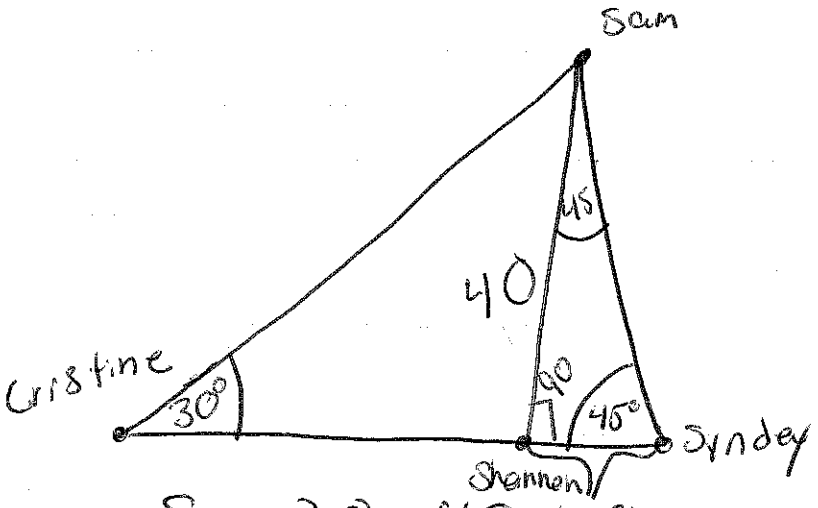
C $\cot = \frac{1}{\tan} = \frac{1}{5/11}$

$\frac{11}{5}$

D. $\sec = \frac{\text{hyp}}{\text{opp}}$ $\frac{12.1}{15}$

E $\csc = \frac{12.1}{-11}$

2)



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