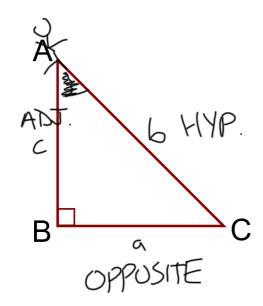
Intro to Ch.5: Trig Review

SOH CAH TOA



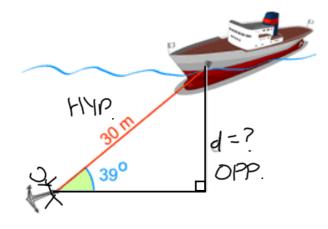
$$sinA = \frac{OPP}{HYP} = \frac{a}{b}$$

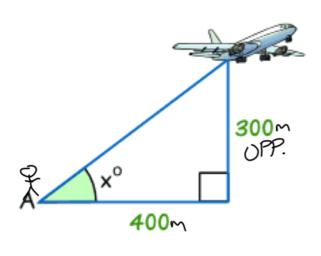
$$\cos A = Ad_{1} = C$$

$$H(p) = b$$

$$tanA = OPP = \frac{A}{C}$$

$$Sin A = \frac{6}{10}$$
 $A = Sin^{-1}(\frac{6}{10})$





$$\frac{OPP}{HYP} = SinA$$

$$\frac{d}{30} = sin(39°)$$

$$d = 30°(sin(39°))$$

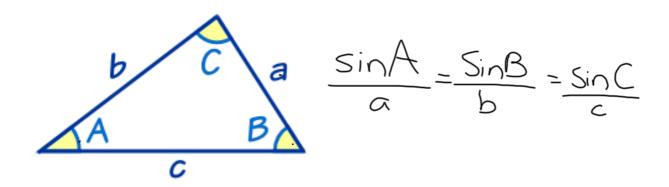
$$d = 30(0.6293)$$

$$d = 1888m$$

$$tan A = \frac{OPP}{ADJ}$$

 $tan(x^{\circ}) = \frac{300}{400} = 0.75$
 $tan X = 0.75$
 $X = tan^{\circ}(0.75)$
 $X = 36.87^{\circ}$

Sine Law

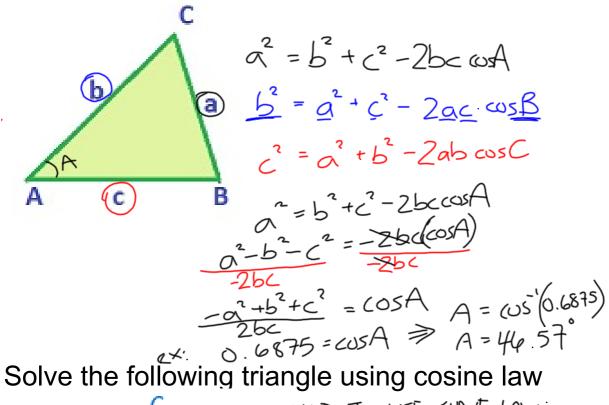


Solve the following triangle using sine law:

P 123.85

$$V_{12.79} = \frac{1}{28} = \frac{1}{28}$$

Cosine Law



TRIED TO USE SINE LAW.

$$\frac{5.049}{5} = \frac{\sin B}{5}$$

$$\frac{3}{5} = \frac{3}{7} + \frac{7}{7} - \frac{2}{3}(\frac{3}{7})\cos(49^{2})}{3}$$

$$\frac{3}{7} = \frac{25 + 49}{7} - \frac{45.9241}{7}$$

$$\frac{3}{7} = \frac{25 + 49}{7} - \frac{45.9241}{7} = \frac{3}{7} = \frac{3}{7}$$