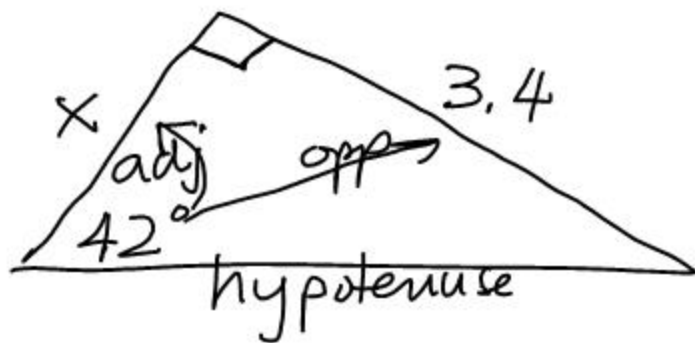


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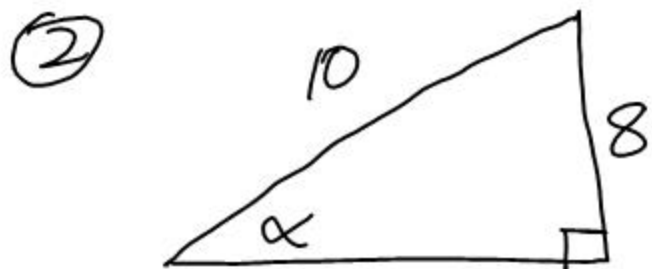
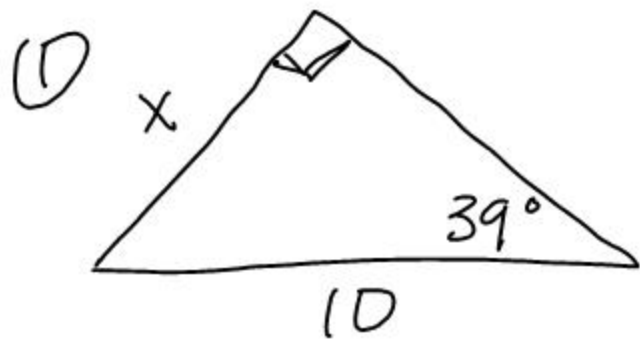


$$x (\tan 42^\circ) = \left(\frac{3.4}{x} \right) x$$

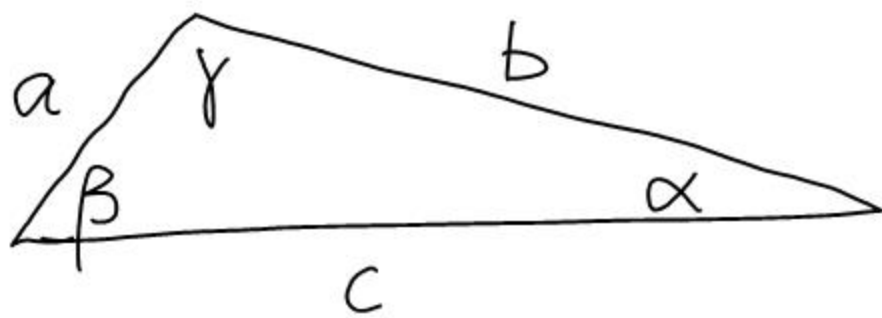
$$\frac{x \cdot \cancel{\tan 42^\circ}}{\cancel{\tan 42^\circ}} = \frac{3.4}{\tan 42^\circ}$$

HW quiz 12-07-18

3-sig. figs

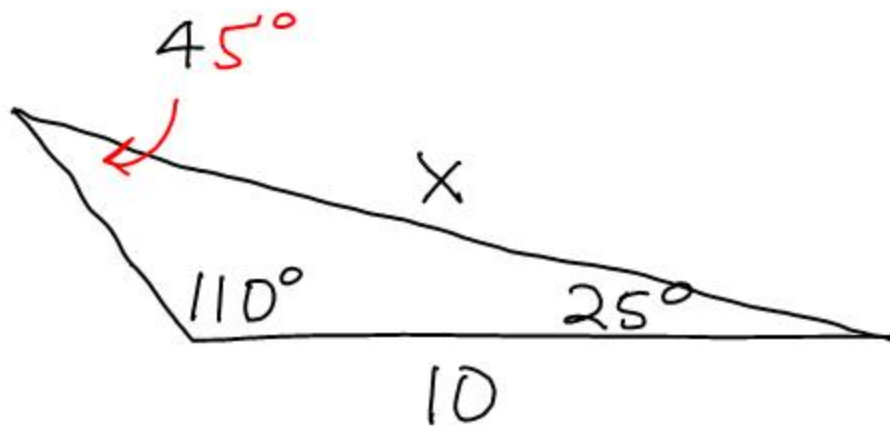


The Law of Sines (The Sine Rule)



$$\frac{\sin \alpha}{a} = \frac{\sin \beta}{b} = \frac{\sin \gamma}{c}$$

EX



$$\frac{\sin 110^\circ}{X} = \frac{\sin 45^\circ}{10}$$

$$X \cdot \sin 45^\circ = 10 \cdot \sin 110^\circ$$

$$X = \frac{10 \cdot \sin 110^\circ}{\sin 45^\circ}$$

$$X = 13.3$$

HW # 1-3

Sine Rule