

$$\frac{4}{\sin 38^\circ} = \frac{6}{\sin B}$$

$$\frac{8}{1} = \frac{6}{\sin B}$$

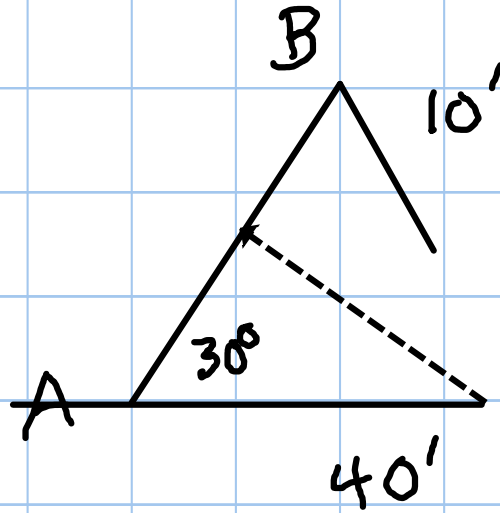
$$8 \sin B = 6$$

$$\sin B = \frac{3}{4}$$

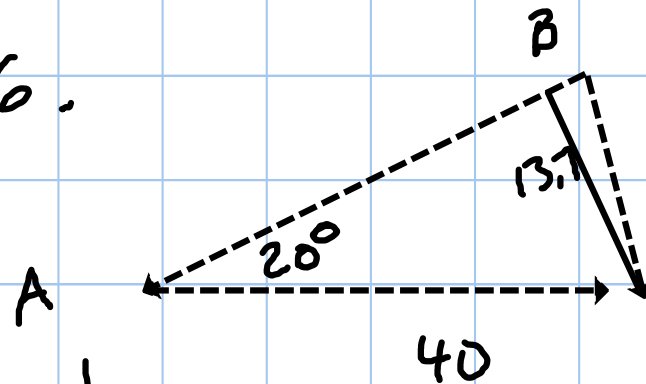
$$B = 48.6^\circ$$

$$131.4^\circ$$

# 1



# 6.



30

$$\frac{30}{\sin 20^\circ} = \frac{40}{\sin B}$$

$$30 \sin B = 40 \sin 20^\circ$$
$$\sin B = \frac{40 \sin 20^\circ}{30}$$

$$\sin 20^\circ = \frac{h}{40}$$

$$40 \cdot \sin 20^\circ = h$$

$$13.7 = h$$