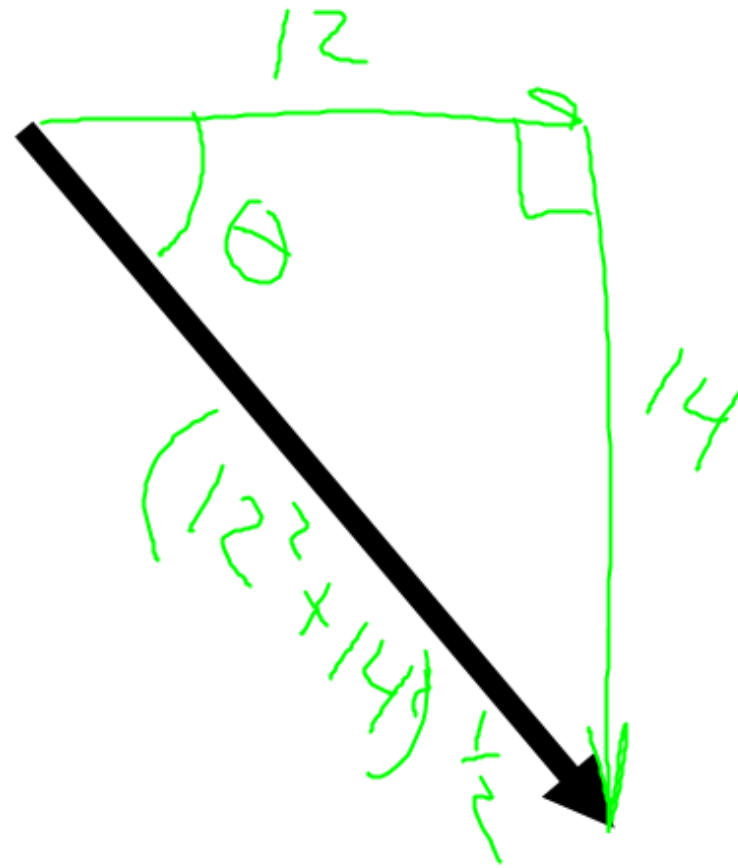


$30N @ 130^\circ$

$$\sin \theta = \frac{O}{H}$$

$$H \sin \theta = O$$

$$12\hat{i} - 14\hat{j}$$



$$\tan \theta = \frac{14}{12}$$

$$\theta = \tan^{-1}\left(\frac{14}{12}\right)$$

