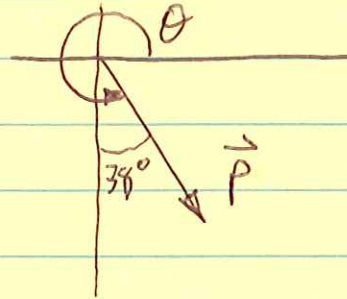
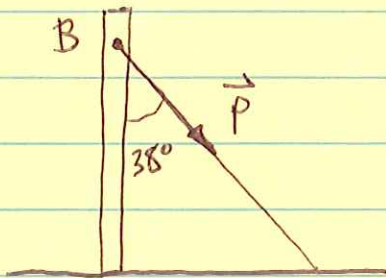


PROB. 2.29



$$\theta = 270 + 38^\circ = 308^\circ$$

$$P_x = 120^{\text{N}} = P \cdot \cos \theta, \quad P = \frac{120}{\cos 308^\circ} = 194.9^{\text{N}}$$

$$P_y = P \sin \theta = (194.9) \sin 308^\circ = -153.6^{\text{N}}$$