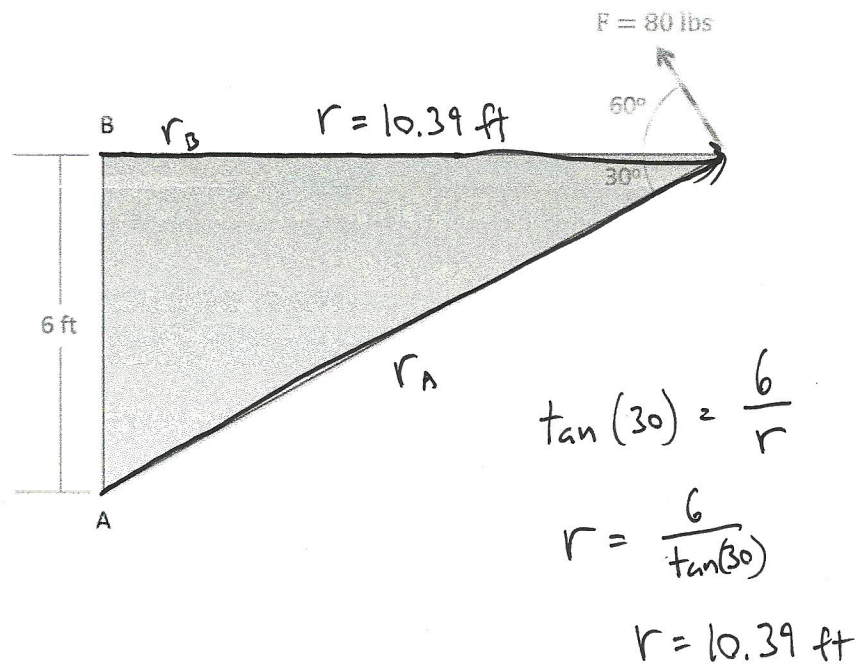


What is the moment that this force exerts about point A? What is the moment this force exerts about point B?



Point A

$$r_A = [10.39, 6, 0]$$

$$F = [-80 \cos(60), 80 \sin(60), 0]$$

$$r \times F = [0, 0, 960] \text{ ft lbs}$$

Point B

$$r_B = [10.39, 0, 0]$$

$$F = [-80 \cos(60), 80 \sin(60), 0]$$

$$r \times F = [0, 0, 720] \text{ ft lbs}$$