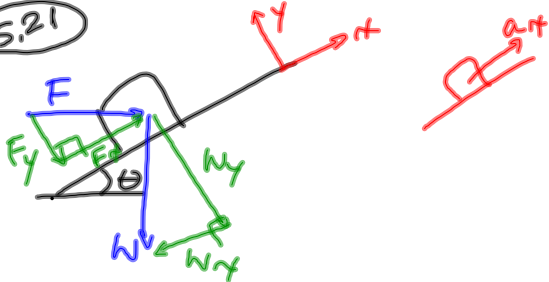


- IB -get HW Quiz key (1/person)  
 -get Bowman lab sheet (1/person)  
 -work on MP for first half  
 -Bowman tourney in second half

AP -Qs on MP?

Oct 25-9:28 AM

P5.21



$$\Sigma F_x = ma_x$$

$$F_x - W_x = ma_x$$

$$F_x = F \cos \theta = F \cos 13$$

$$W_x = W \sin \theta = mg \sin 13$$

$$= (7.5 \text{ kg})(9.8 \text{ m/s}^2) \sin 13$$

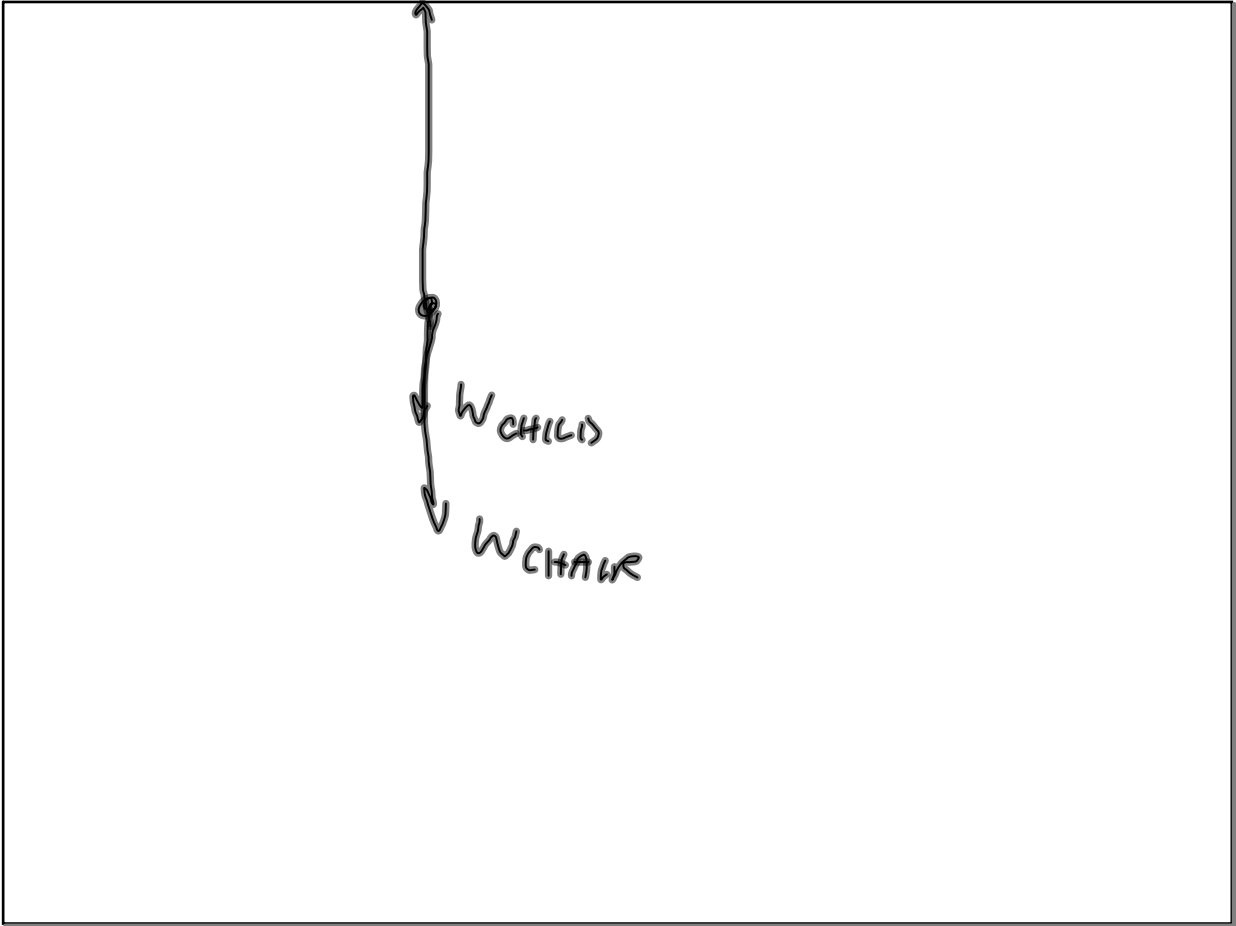
$$ma_x = (7.5 \text{ kg})(1.41 \text{ m/s}^2)$$

$$F \cos 13 - 16.55 = 10.58$$

$$F \cos 13 = 27.125$$

$$F = 27.8 \text{ N}$$

Oct 25-8:49 AM



Oct 25-9:18 AM