

$$29, 2016$$
 Phys 224 Proyectic Motion

 $29, 21$  Dt

 $21$  Dt

 $21$ 

Week Z Phys 724 Circular Motion Jan 27, 206 Speed 5 Kakrs France | 500m in 45 sec Vare = 500 m ~ 11 m/s What is the acceleration r=11 they experience through the turn? Scale: 1 block = 2 m à certifilm = 1 = 11 = 11 m/sec? ä.m-F works from above What is the force of a 1009 Store leaving Sling with an adalboth of 7.6 m/s2 1.9 m = V = 3.8 m/s . - 27.6 m/32

5/

trock = mta, - 6 m = 0.1 kg = 7.6 m/sec So, we sound out we calculated acceleration wrong...

Jen 77, 2016

Wesh s Las

on 27, 2016 Phys 22

Find Mass of an unknown Block

$$F = n_2 q_1 \qquad \qquad \hat{q} = 5 m/s^2$$

$$\frac{7}{5} kg$$

$$F_{6i}$$
 ma =  $m_2$  az  
 $\frac{1}{k_3}$   $\frac{3m}{5^2}$  =  $\frac{3m}{5^2}$   
 $\frac{m}{1k_3}$  =  $\frac{3m}{5^2}$   
 $\frac{m}{5m/5^2}$   
 $0.6 \text{ kg} = m$