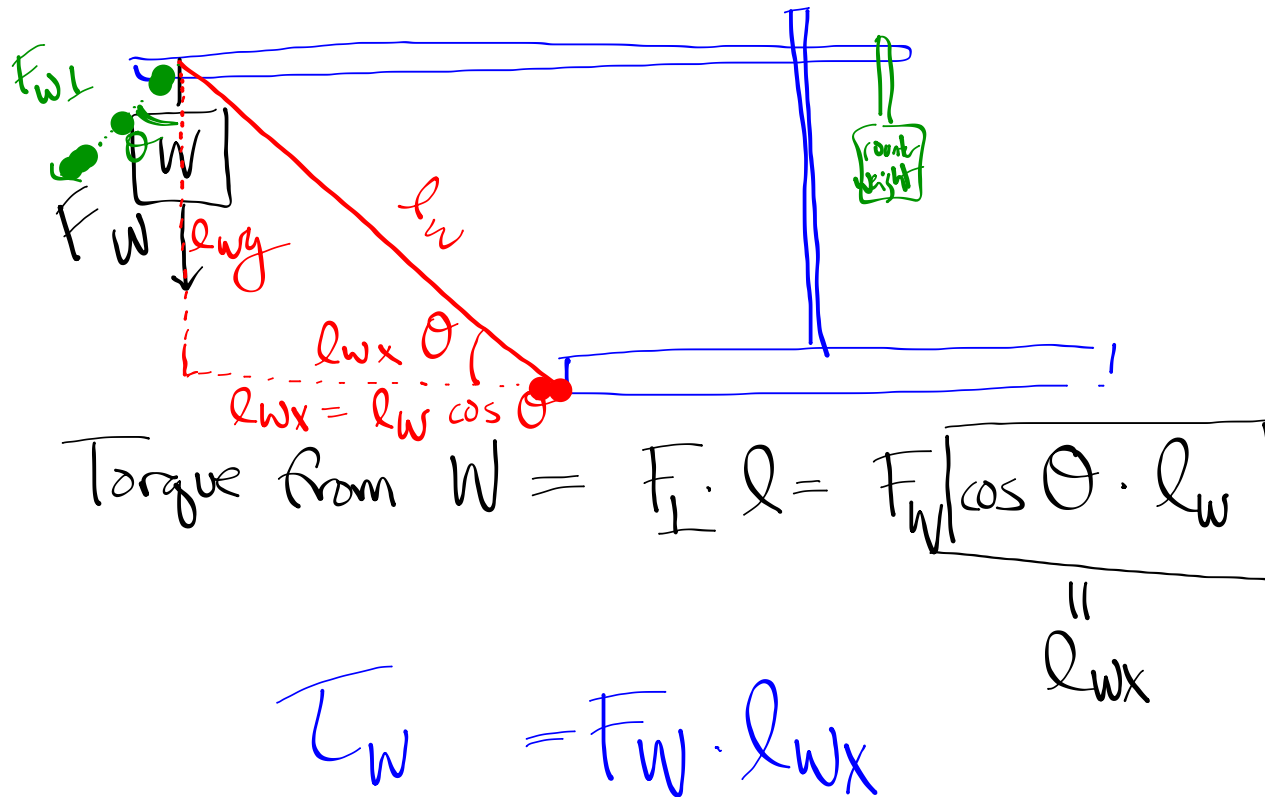


## Crane Lab:

Part 1 • turn in through Shawbie  
(perfection expected)

Parts 2a/2b • A few pages (1-3)  
that summarize what you  
did. (Good effort expected)

Part 2<sup>3/4</sup> • turn in details of your  
prediction & a summary of  
your test. (Accuracy of prediction  
is not critical)



Torque from applied weight = Actual weight • horizontal distance from pivot  
(mass in kg •  $9.8 \text{ m/s}^2$ )

What is the mathematical  
relationship between force,  
mass, and acceleration?

★ Prove it