Announcement:

Test over kinematics next Thursday, 10/24!

Review and lab work sessions on 10/17, 10/18, and 10/22

For the projectile launcher lab:

grade!
→ · I want to see your general equation for predicting the location of the ring and cup

grade!
→ · I want to see how you got your general equations (measurements & calculations)

grade!
→ · I want to see your final calculations once you have an angle

grade!
→ · If you miss, I want to see a quantitative error analysis

Homework (due 10/17):

1. Tell me how you would prefer me to structure our class time for the test review sessions. In other words, what do YOU need?

2. Tell me if you need help from me outside of class and how you will arrange to meet with me.

3. Let me know anything else you would like me to know prior to the test!

$$X_{cup} = 3.62 \sin\theta + 4.1 - 7.8 \cos\theta$$

$$Y_{cup} = 2.18 + 3.9 \tan\theta$$

$$X_{ring} = \ldots$$

$$Y_{ring} = \ldots$$

CUP: 6.5 cm tall!

you should <u>know</u> v_0

$v_0 = $ known

θ