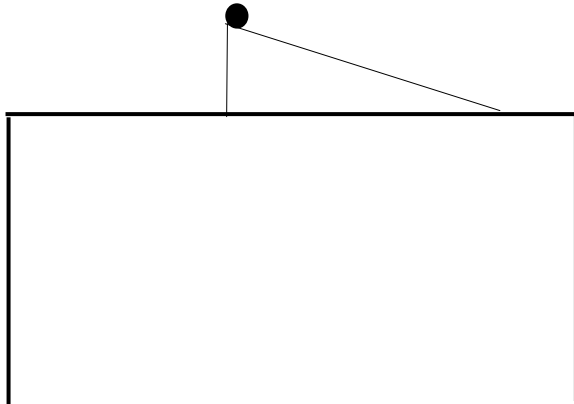


Ball in a Cup Lab Set-Up

There are two possibilities for setting up and modeling this lab. Either one is fine, but one of these two really works best.

Option 1:

Things to consider here include that the ball may bounce when it reaches the table, so you might want to encourage placing a soft folder at the bottom of the ramp. Additionally, you don't want the distance between the end of the ramp and the edge of the table to be too far because friction may cause problems.



Option 2:

Here you have to make sure they use a small angle for the ramp so that you can use a small angle approximation. Also the time rolling down the ramp can be really tricky to measure.

