Name_________________ Partner _____________________
(must be different district or grade level)

1. Pick a distance from the wall. They are marked off in 100 inch increments with masking tape for you.
2. Look through the peephole at the ruler on the wall holding the pipe as level as possible as shown below.

Record the letter on the tube._________

Record Distance from the wall _________

Record difference in inches viewed between the two wires in the view tube (also called a stadia device) see below_________

Have your partner give it a try with a different distance from the wall. Then repeat the experiment with a different letter tube.