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.

peephole

2 parallel threads or wires

1st trial

2nd trial

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 ___________

Difference 56 -32 = 14 in.

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