

PSII OUTDOOR MINILAB – A CHECK ON DISTANCE AT THE FRONT WALL

CAUTION: When accomplishing this lab it's very important that we never go into the road (Mass Ave.). We may work outside the wall towards the road – but always off the road - between the row of parked cars and the stone wall itself is OK - or better - totally inside the wall.

PROCEDURE PART I:

Lab Groups 1, 3 & 5 – Use your own personal “pace” length to measure the total length of the wall between the school entrance road and Pond Road from North to South.

Lab Groups 2, 4 & 6 – Use provided tape measures to measure the total length of the wall between the school entrance road and Pond Road from South to North.



Record your data here (*Show result in feet*):

PROCEDURE PART II:

Lab Groups 1, 3 & 5 – Use provide tape measures to measure the total length of the wall between the school entrance road and Pond Road from North to South.

Lab Groups 2, 4 & 6 – . Use your own personal “pace” length to measure the total length of the wall between the school entrance road and Pond Road from South to North.

Record your data here (*Show result in feet*):

Calculate the average (*in feet*) of the two readings here:

We'll return to the class-room now to perform the following conversions: (SHOW FLM WORK)*

Convert your reading from feet to meters:

Convert your reading from feet to kilometers:

Convert your reading from feet to miles:

Convert your reading from feet to millimeters:

Convert your reading from feet to centimeters: