The Walking Experiment

- The walker stands at the starting line and the CBR holder stands 1 meter behind the starting line, facing the walker.
- The CBR holder presses the TRIGGER on the CBR and the walker starts walking about 1 second later.
- The walker walks from the starting line to the finish line at a constant rate. The walker stops at the finish line and stands still until the 10 seconds is over.
- When the walk is complete press ENTER.
- Isolate the part of the graph that shows the walker moving.
- From the screen record the **total time for the walk** and **the average speed of the walker**. Record this on the chart.
- Switch jobs and collect additional information until you have 5 sets of data.
- Enter the total time in L1 and average speed in L2. Create a graph of the data.
- What does this graph describe about the data.
- Enter L3=L1●L2. What do you notice about L3? What does this tell you about x●y?
- Enter an equation in y1 that describes the relationship between the two variables. Your equation should be of the form y=k/x
- What does the value of k represent in this problem?

Total Time	Average Speed