

NAME: _____

Experiment 1 Data

Participant	Activity	Distance	Trial 1	Trial 2	Trial 3	AVG Rate
Stanley	Hopping	4.00m	2.50	2.55	2.45	

Questions:

- 1) What units go with trial 1, 2, and 3?

- 2) What is the average time?

- 3) What is the rate (velocity) for Stanley?

Experiment 2 Data:

Participant	Activity	Time	AVG Rate	Experimental Distance^A	Actual Distance	% error_B
Stanley	Hopping	10.0			15.24m	

^A = Time X AVG rate = Experimental Distance

$$\text{B} = \% \text{ error} = \left| \frac{\text{Actual} - \text{Experimental}}{\text{Actual}} \right| \times 100$$

Questions:

- 4) What is the experimental distance?

- 5) What is the % error?

When Setting up your calculator for List calculation what button do you push to get to the list section?

Define what goes into each column heading, If it is a formula, write the formula out exactly and explain what it solves for.

Experiment 1 data

L1

L2

L3

L4

L5

L6