

Summary of Buggy Lab:

- Slope of the distance-time graph is speed.

$$\text{speed} = \frac{\text{distance}}{\text{time}}$$

- We found two different "types" of buggies: Fast and slow. The fast buggy went twice the speed as the slow buggy.
- The y-intercept should have been \emptyset , but we had different values for the intercept. These values came from measurement error and not including (\emptyset, \emptyset) .

When we graph, we look for:

- Slope(s) of function of best fit
- x- and y-intercepts
- area between function and the x-axis