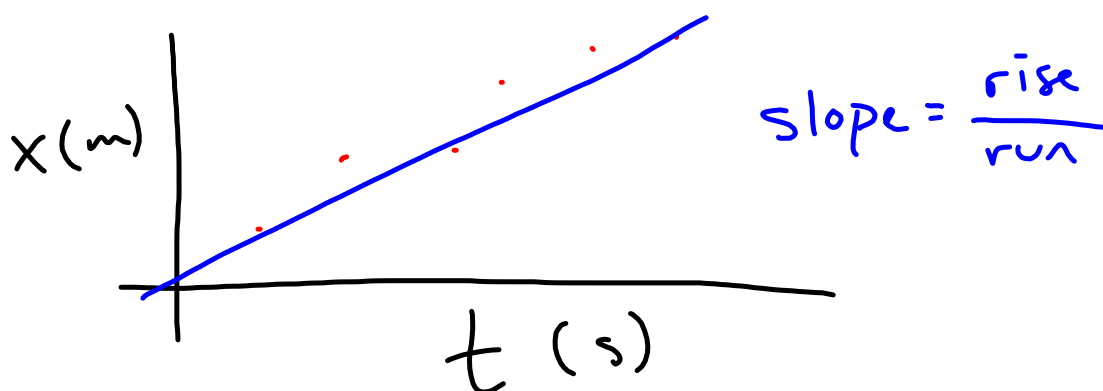


LAB - BUGGIES

- Measure?
 - Length
 - wheel size
 - Tread thickness
 - weight
 - How far \rightarrow change in position
 - How fast \rightarrow time

- Take data \rightarrow multiple trials
5 total positions
times
- Graph
- Line of best fit \rightarrow function
 $y = mx + b$
Interpretation of slope
in context of the buggy



$$\text{slope} = \frac{\text{change in position}}{\text{change in time}}$$

$$v \equiv \frac{\Delta x}{\Delta t}$$

↑
is defined as

- Graphing
 - Scatter plots
 - Functions of best through data (won't cross through all points)
 - Purpose is to use slope or area to interpret relationship between variables

- Motion Map

