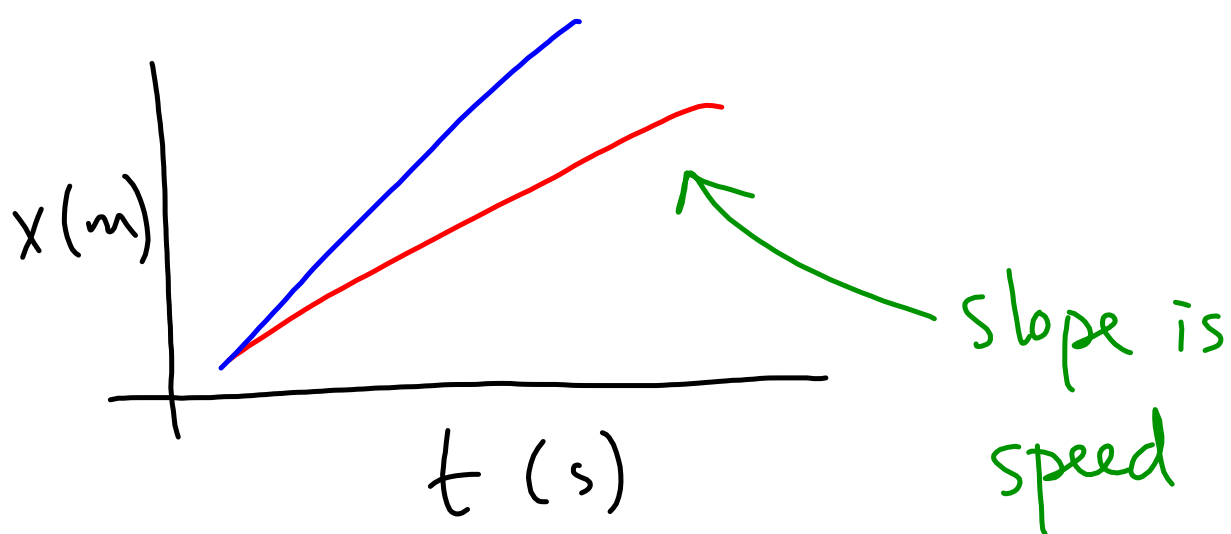


LAB - BUGGIES

• MEASURE

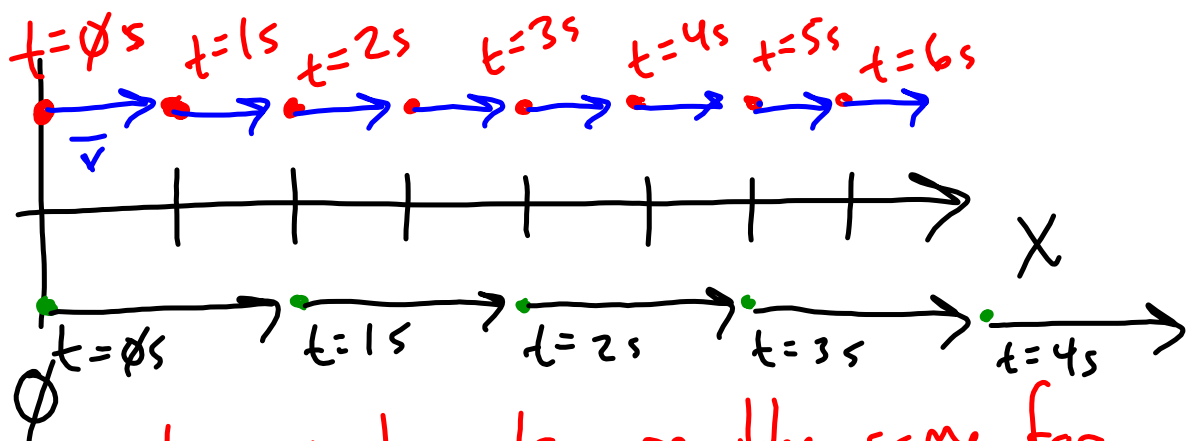
- Diameter of wheels
- Mass
- Speed at which it travels
- How far
- How long did it take

- Take data on how far it went and long it took (minimum of 5 points)
- Graph of data
- Function of best fit with an interpretation (calculator or computer)
Written sentence explaining what slope means in context of buggy



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

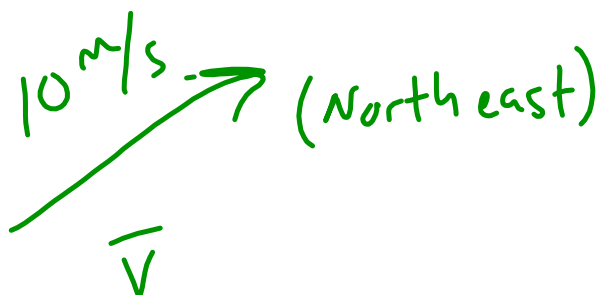
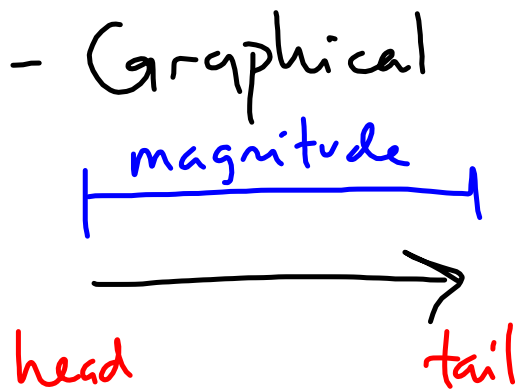
- Motion map



time intervals are the same for
each dot (you choose)

- Vectors

- Quantity that has magnitude and direction
- Examples
velocity
force
acceleration



- Scalar

- Quantity that only has magnitude
- Examples:
distance
volume
Energy
time
speed
temperature
pressure
MASS
- Positive/negative means "increase or decrease"