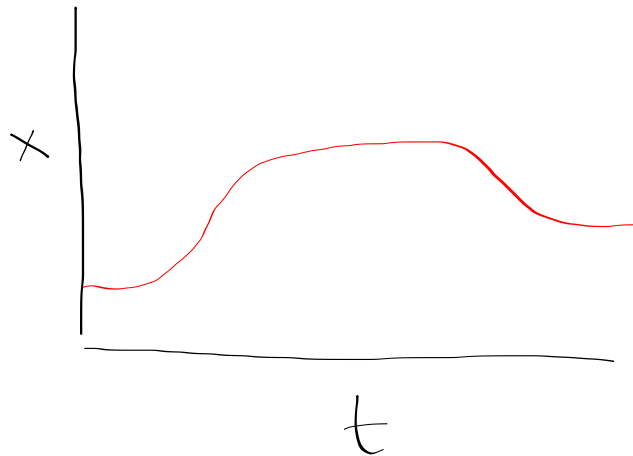


Motion in 1D:

- Straight line motion (forward or backward)
- displacement: how far an object has moved
- velocity: how fast an object is moving
- time: how long an object has been moving

Graphs:

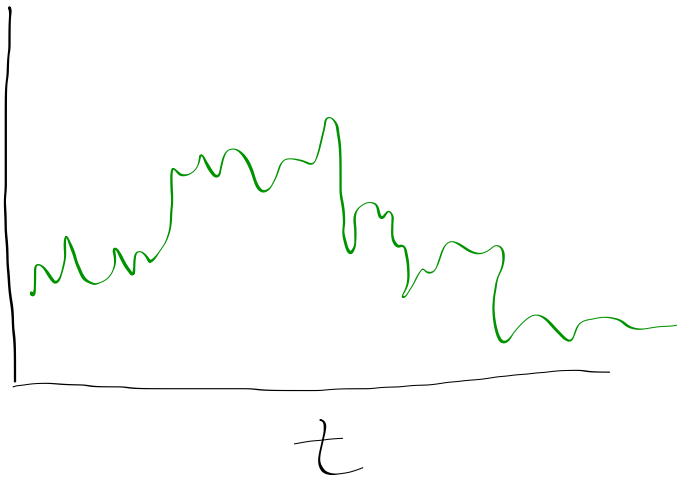
x - vs - t
(position vs. time)
where an object is /
how far it moves



1. How can you make
a plan that allows
you to duplicate
an x - vs - t
graph?

2. What is the
mathematical
connection
between v
these graphs?

v - vs - t
(velocity vs. time)
how fast an object is going



TASKS:

1. Set up some equipment
2. Play around
3. Match This Motion Preliminary Lab