3.5.20

Graphing: Slope

Today's Objectives:

- Learn the types of graphs
- How to take slope
- Draw a line of best fit

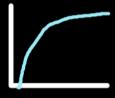


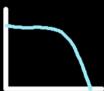
Two main types of graphs:

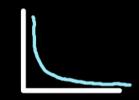
Linear

y=mx+bey Stope y-intercept (first valve) Non-Linear (Curve)

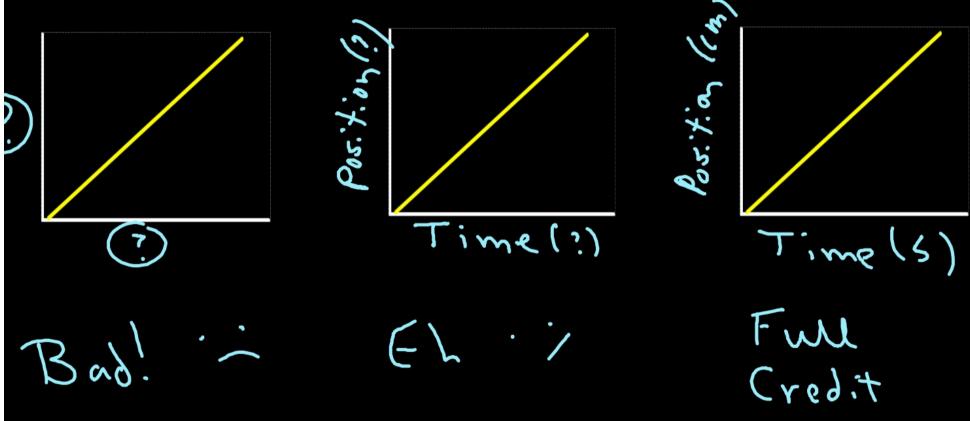








Any graph you turn in needs to be labeled!! (Both with X and Y measurements and units!!!)



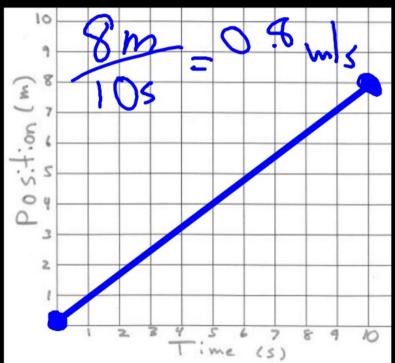
Linear Graphs

Slope has units, it's always =
$$\frac{9}{2}$$
 unit

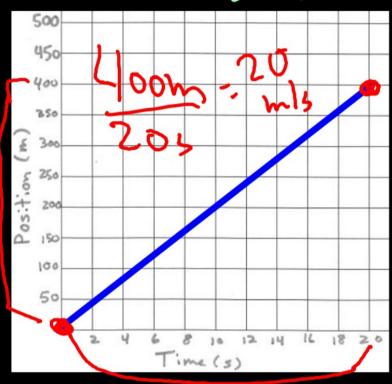
"Counting Squares" vs Rise/Run

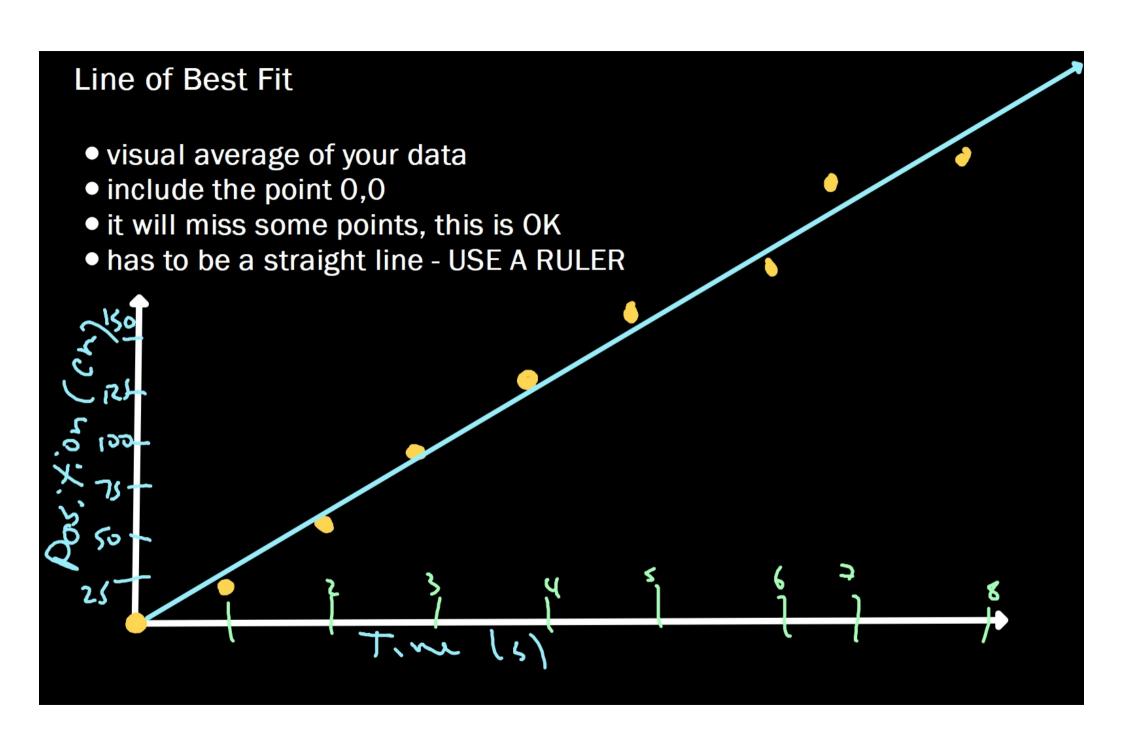
Only works

Ix \ Squares.



Works for all graphs! 55





How to Measure Your Car's Position

Tips:

- Use scotch tape to attach the paper to the floor.
- Use several meter sticks (measure in cm).
- Always measure from the start to each point.