



MEASUREMENT notes

length:

- · A measure of distance from end to end
- Meters, Centimeters, Millimeters
- · Abbreviaton-m, cm, mm

temperature:

- · A measure of how hot or cold something is
- · celcius
- · °C

mass:

- A measure of how much matter is present in an object
- Grams
- 0

volume:

- A measure of how much space an object or liquid takes up
- · millimeters
- · mL

Volume

Q: how to we calculate the volume of regular shapes?

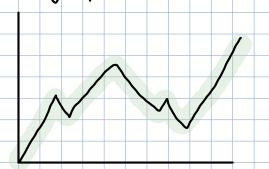
A: We use the Sormula:

lengthxwidthxheight

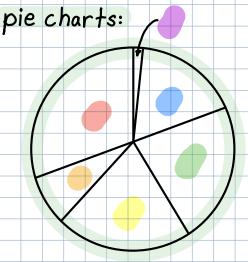
GRAPHING

Types of graphs:

line graphs:



·line graphs are used to track changes over short and long periods of time.



 pie charts can be used to show percentages of a whole. Unlike other types of graphs, pie charts do not show changes over time.

bar graphs:



Q: how to we calculate the volume of irregular shapes? bar graphs are used to compare things between disserent groups. A: We use water displacement DEWSITY DEMSITY Density is a physical property of an object that combines the How do we calculate density? space that an object takes up and the amount of matter present in the object. We use the formula: Why is density important? Mass: Volume Tip: Draw a hear + and make line through it. It is important because it helps explain everday occurrences, such as why the ice in your drink floats. mass What do we need to know to calculate density? ·Mass-The amount of matter pres-Water's Density: ent in an object. •Measured in grams (q) Water has a density of 1 g/ml · Volume - The space an object or substance takes up.

• Measured in mL or cm³ Density less than 1: 1 FLOAT Density greater than 1: - lements + Compounds What is an element? • An element is pure substance that made from a single type of atom. · Elements are the building blocks for

