UNIT 6: PROPERTIES MATTER

1. Complete

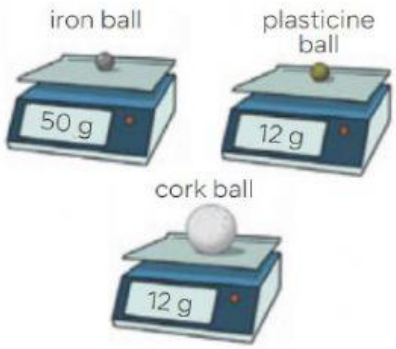
General properties of matter are _____.

- _____ is the amount of matter that an object has. It is measured in **kilograms (kg)** and **grams (g)**.
- _____ is the amount of space an object takes up. It is measured in **litres (l)**

Density is the amount of _____ contained in a given _____.

_____ is the ability an object has to float or sink in liquid or air. It depends on density. An object floats if its density is_____ than the density of the liquid or the air.

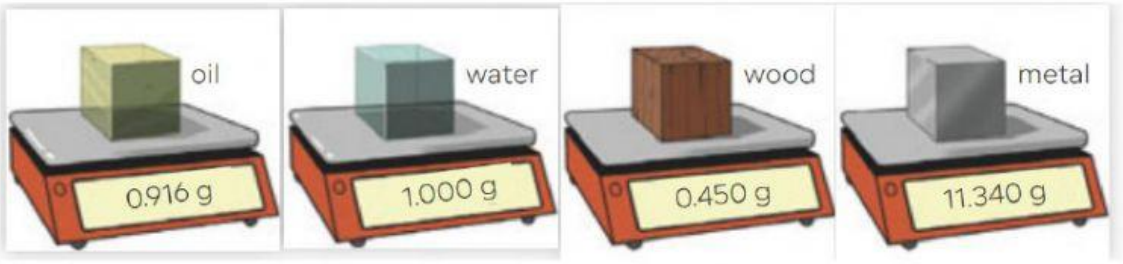
2. Complete:



When two substances have the same mass, the substance which has a bigger volume is _____.

When two substances have the same volume, the substance with the biggest mass is _____.

3. Look at the images and say if the sentences are true or false.



A. They have the same mass.
B. They have the same volume.
C. They have the same density.
D. The masses are different.
E. The volumes are different.
F. They have different densities.

LIVEWORKSHEETS

UNIT 6: PROPERTIES MATTER

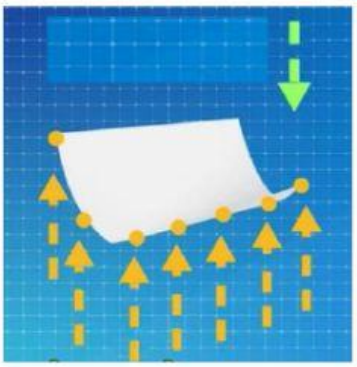
4. Look and explain:

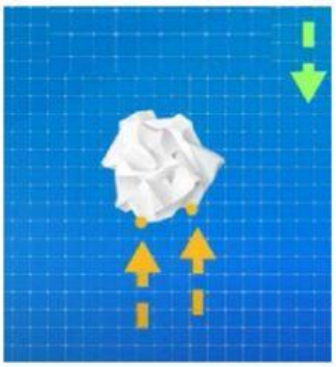


The egg _____ in salty water because salty water is _____ than the egg.

The egg _____ in fresh water because fresh water is _____ than the egg.

5. Complete:





Two **forces** act on a falling object: _____ (weight) and _____, which is the frictional force of the air on the object.

The mass of an object does not influence the speed of fall, it is _____, that means the air pushing against an object, that affects how fast objects fall: the more _____, the more friction area there is, and the _____ the object falls.

Well done!



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