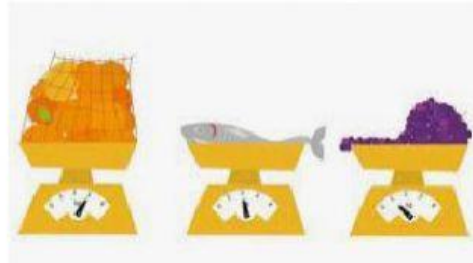


1) Label the instruments in the photos.

| | | | |
|--------------------|---------------|-------|---------|
| Measuring cylinder | Measuring cup | Scale | Balance |
|--------------------|---------------|-------|---------|



2) Select volume or mass.

- a) A scale measures volume/mass
- b) A measuring cup measures volume/mass
- c) A balance measure volume/mass
- d) A measuring cylinder measure volume/mass

3) Select the correct words.

- e) Mass/ Volume/ Density is the amount of matter something contains.
- f) Mass/ Volume/ Density is the amount of space matter occupies.
- g) Mass/ Volume/ Density is the relationship between the mass and volume of an object or a substance.

4) Look at the picture and complete the sentences.



a) The ice floats because

b) The rocks sink because

5) Complete the sentences with the words in the box.

| | | | | | |
|--------|------------|----------|------------|------------|----------------------|
| Colour | Elasticity | Hardness | Resistance | Solubility | Thermal conductivity |
|--------|------------|----------|------------|------------|----------------------|

a) _____ depends on the light a material reflects and absorbs.

b) _____ describes if it is difficult to scratch a material.

c) _____ describes if a material breaks easily.

d) _____ describes if a material stretches.

e) _____ describes if a material transfers heat.

f) _____ describes if a material can be dissolved.

6) Write natural or manufactured.



7) Circle the correct words.

- a) Natural/ Manufactured materials come from plants, animals, or minerals.
- b) Natural/ Manufactured materials go through a chemical transformation.
- c) Thermal conductors transfer / do not transfer heat easily.
- d) Plastic/ Glass is a hard material which is not resistant.
- e) Sand/ Salt is an example of a soluble material.

8) Select the true sentences.

- a) A force can change an object's position, speed and direction. _____
- b) Non-contact forces act at a distance or by touching an object _____
- c) You can see forces and feel their effects _____
- d) Contact forces act at a distance or by touching an object _____
- e) Forces can make an object change shape temporarily or permanent _____

9) Look at the photo and read the sentences. Write yes or no.



- a) The girls are jumping on elastic material _____
- b) The girls are experiencing buoyancy _____
- c) The material is experiencing a force _____
- d) The force produces a change in position _____
- e) The force produces a permanent change _____

10) Complete the sentences with the words from the box.

| | | | | | |
|----------|---------|-----------|----------|--------|----------|
| friction | gravity | magnetism | movement | weight | buoyancy |
|----------|---------|-----------|----------|--------|----------|

- a) The force of _____ pushes objects upward
- b) The amount of gravitational pull on an object is its _____
- c) Friction acts in the opposite direction of the _____
- d) Some objects repel or attract each other because of _____