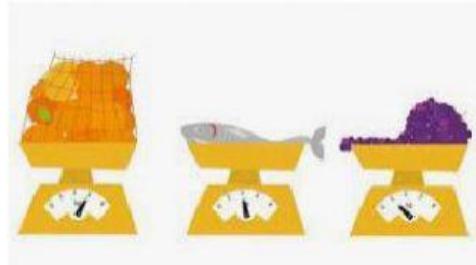


1) Label the instruments in the photos.

Measuring cylinder	Measuring cup	Scale	Balance
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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
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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
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- 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 \_\_\_\_\_