

Name: _____ Date: _____

Sorting Materials Into Groups

Q1. Define density. How is it related to floating and sinking in water?

Ans. _____

Q2. Why does sugar dissolve in water?

Ans. _____

Q3. Why in departmental stores all brands of shampoos and soaps are kept together while all pulses and kitchen items are kept at one place?

Ans. _____

Q4. What is classification?

Ans. _____

Sorting Materials Into Groups

Q1. Define density. How is it related to floating and sinking in water?

Ans. The degree of compactness of a substance is called density. The object which is denser than water will sink whereas object which is less dense than water will float.

Q2. Why does sugar dissolve in water?

Ans. Water molecules surround the tiny sugar cubes and hit them. This weakens the attractive forces of the surrounding molecules and pulls them into the solution.

Q3. Why in departmental stores all brands of shampoos and soaps are kept together while all pulses and kitchen items are kept at one place?

Ans. This is done, so that customer can easily pick the things needed and compare values of different brands available.

Q4. What is classification?

Ans. The process of grouping things together on the bases of some similar characteristics is called classification.