

Name: _____ Date: _____

Sorting Materials Into Groups

Q1. Why are cooking utensils made of metal but their handles of plastic or wood?

Ans. _____

Q2. Why oil does not dissolve in water?

Ans. _____

Q3. Why some material loses their shine and appears dull?

Ans. _____

Q4. We can group things in more than one way. Explain.

Ans. _____

Q5. Oxygen and carbon dioxide are slightly soluble in water. What is the importance of each of these gases in nature?

Ans. _____

Sorting Materials Into Groups

Q1. Why are cooking utensils made of metal but their handles of plastic or wood?

Ans. Cooking utensils have wood or plastic handles to prevent us from burning our hands when utensils are hot.

Q2. Why oil does not dissolve in water?

Ans. Oil does not dissolve in water because the space between the molecules of water is not occupied by the oil.

Q3. Why some material loses their shine and appears dull?

Ans. Due to the action of air and moisture on them, a dull layer of some other compound appears on them. Thus material loses their shine and appears dull.

Q4. We can group things in more than one way. Explain.

Ans. We can group things in more than one way because one object can have more than one property.

Q5. Oxygen and carbon dioxide are slightly soluble in water. What is the importance of each of these gases in nature?

Ans. Oxygen and carbon dioxide gas dissolved in water are needed for the survival of animals and plants that live in water.