Teacher Name: Uzma Amer Class: 9 Subject:Chemistry Date:15-11-18

Q.1. Look at the pictures and give the answers:

 

 A B C D

1. Which picture is showing molecules of an element?\_\_\_\_\_\_\_\_\_
2. Which picture is showing molecules of a compound? \_\_\_\_\_\_\_\_\_
3. Which picture does not show a pure substance? \_\_\_\_\_\_\_\_\_\_\_\_
4. What is the difference between molecules of elements and compounds?

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Q.3. Choose a substance from the following list to answer the questions below**:**

 Argon, carbon dioxide Air, hydrochloric acid, carbon, iron, bromine, sodium chloride, mercury

Which substance:

1. Is a noble gas\_\_\_\_\_\_\_\_\_\_\_\_
2. Is a liquid metal\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Is a mixture \_\_\_\_\_\_\_\_\_\_\_\_\_
4. Is a metal\_\_\_\_\_\_\_\_\_\_\_\_
5. Is a solid element\_\_\_\_\_\_\_\_
6. Is a salt\_\_\_\_\_\_\_\_\_\_
7. Is an acid\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Is a liquid non metal\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q4 Identify the given substances (element, compound or mixture)

1. Ice cream\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Blood\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Pure water\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Lime \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Carbon \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Salt\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Orange juice\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Iron \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. Air \_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. Sea water \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q.5. Cite two differences between compounds and mixtures