

# The City School

North Nazimabad Boys Campus

E-Worksheet



**Teachers Name: Ms.Seema Adil**

Date: 25<sup>th</sup> November 2017

Q.1 Answer the following

1. Helium gas is used to fill airships and balloons.
2. Copper is used to make electrical wires.
3. Oxygen gas is filled in tanks for scuba diving.
4. The early scientists called Alchemists tried to make gold but failed in their attempts.
5. 1 gm of Hydrogen combines with 8 gm of Oxygen to form 9 gm of water. If there is 5 gm Hydrogen and 50 gm of Oxygen only 45 gm of water will be formed.

**Answers.**

1. \_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_

4. \_\_\_\_\_  
\_\_\_\_\_

5. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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**(b) Write the constituent elements for the following compounds.**

Compound	Its constituent elements
Carbon dioxide	
Common salt (Sodium chloride)	
Sand (silicon dioxide)	
Dry ice (solid carbon dioxide)	
Chalk (calcium carbonate)	
Polyethene ( a kind of plastic)	
Sugar	
Glucose	
Potassium chloride	
Carbon monoxide	
Iron Sulphide	
Mercuric oxide	
Nitrogen dioxide	
Copper carbonate	
Water	

**Q.2 a ) Give examples related to the following properties of compounds.**

	Properties of compounds	Examples
	Compounds are formed by chemical reactions.	
	Compounds can only be broken down into simpler substances by chemical reactions.	
	A compound has properties which are different from the properties of its constituent elements	
	The different elements in a compound are joined together in a fixed proportion by mass..	

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