

1) fill in the blanks

a) Atomicity refers to the number of atoms in the molecule of an ~~atom~~ element.

b) The most abundant element in the earth's crust is oxygen.

c) A metal which is a liquid at room temperature is mercury.

d) The most abundant element in the atmosphere is nitrogen.

e) A metal which is a poor conductor of electricity is tungsten.

f) A diatomic gaseous element is oxygen.

g) A liquid non-metal is bromine.

2) Match the following

- a) Metals - Lustrous
- b) Molecules - Smallest unit of compound
- c) Non-metals - Brittle
- d) Noble gases - Non-reactive

3) Write true or false.

- a) A compound is made up of just one kind of atom. false
- b) Metals reflect light and are good conductors of electricity. True
- c) Metals can be polished. True
- d) Elements are made up of compounds. False
- e) All elements are artificially prepared. False
- f) Molecules can exist independently. True
- g) Molecules combine to form atoms. false
- h) Noble gases are highly reactive. False
- i) ~~oxygen~~ Oxygen is a triatomic molecule. true

7) Write the ~~formulae~~ molecular formulae of compounds
calcium oxide - CaO , hydrogen sulphide - H_2S
carbon monoxide - CO , lead sulphide - PbS

8) Give two examples each of compound existing in the

following states.

- a) solid - common salt, sand
- b) liquid - water, nitric acid
- c) gas - Nitric oxide, carbon dioxide

Q write the formulas of:-
iron oxide - FeO
zinc chloride - ZnCl_2
calcium oxide - CaO
sodium oxide - Na_2O

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