

HOW DO METALS AND NON-METALS REACT? ASSIGNMENT 1

ANSWER KEY

Answer in one word

- 1) Electrically charged atoms formed by gain or loss of electrons- **Ions**
- 2) Positively charged ions- **Cations**
- 3) Negatively charged ions- **Anions**
- 4) Electron dot representation of Nitrogen- **$\cdot\dot{\text{N}}\cdot$**
- 5) Which electrons take part in electron dot representation- **Valence Electrons**
- 6) Other name for ionic bonds- **Electrovalent Bonds**
- 7) Compounds formed by ionic bonding are called- **Ionic Compounds**
- 8) Ionic compounds are soluble in- **Solvents**
- 9) Ionic compounds conduct electricity in which state- **Molten or Aqueous**
- 10) Number of valence electrons in phosphorus- **5**
- 11) Electronic configuration of sulphur- **2,8,6**
- 12) Nitrogen ion formed by gaining electrons- **N^{3-}**
- 13) Is a metal but gains electron to form its anion- **Hydrogen**
- 14) Chlorine gains one electron to attain the inert gas electronic configuration of which gas- **Argon**
- 15) Beryllium loses two electrons to attain the inert gas electronic configuration of which gas- **Helium**