

ASSIGNMENT – 19 (CHEMISTRY) CLASS – 8

CHAPTER 4 – ATOMIC STRUCTURE

1. How is the atomic number and mass number related to the number of neutrons and protons inside an atom?
2. The atomic numbers of Al and Cl are 13 and 17, respectively. What will be the numbers of electrons in Al^{3+} and Cl^- ?
3. Electronic configuration of an atom X is (2, 8, 7). It combines with another atom Y having electronic configuration (1) :
 - (a) What type of bond will be formed between X and Y
 - (b) Write the formula of the compound
 - (c) Is it soluble in water?