

reactions.

Chlorine is the most reactive metal in the halogen family i.e. Chlorine (Cl), Bromine (Br), Iodine (I), and Fluorine (F). The reactivity order of the halogen family is $\text{Cl} > \text{Br} > \text{I}$.

Therefore, Chlorine (Cl) can displace Bromine (Br) and Iodine (I) from solutions of bromides (NaBr) and Iodides (NaI).

Ionic solids are formed when nonmetals with high electronegativity react with alkali and alkaline earth metals.

Solved Example for You:

Q: Which of the following metal is a poor conductor of heat and electricity?

- a. Lead
- b. Gold
- c. Iron
- d. Zinc

Ans: The correct answer is option 'a'. Lead is a poor conductor of heat and electricity.