

How many valence electrons are in chlorine(Cl) atom?

A. Chlorine has 1 valence electrons

B. Chlorine has 2 valence electrons

C. Chlorine has 7 valence electrons

D. Chlorine has 6 valence electrons

Explanation:

There are 7 valence electrons in the atom of chlorine(Cl)

Valence electrons

Valence electrons are the number of electrons present in the outermost shell of an atom.

The last shell of a chlorine atom has 7 electrons in it. Therefore, there are 7 valence electrons in a chlorine atom.

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