

# NCERT/CBSE CHEMISTRY CLASS 11 textbook

<http://www.TutorBreeze.com>

Contact for Online Tutoring in Physics, Math, Chemistry,

English, Accounts, MBA

Solutions/Answers to NCERT/CBSE CHEMISTRY Class 11(Class XI)textbook

## CHAPTER TWO

### STRUCTURE OF ATOM

2.3 How many neutrons and protons are there in the following nuclei ?  
13 16 24 56 88

${}^6\text{C}$ ,  ${}^{80}\text{O}$ ,  ${}^{12}\text{Mg}$ ,  ${}^{26}\text{Fe}$ ,  ${}^{38}\text{Sr}$

**2.3.**

**Solution:**

(a)

Number of neutrons =  $13 - 6 = 7$

Number of protons = 6

(b)

Number of neutrons =  $16 - 8 = 8$

Number of protons = 8

(c)

Number of neutrons =  $24 - 12 = 12$

Number of protons = 12

(d)

Number of neutrons =  $56 - 26 = 30$

Number of protons = 26

(e)

Number of neutrons =  $88 - 38 = 50$

Number of protons = 38

©TutorBreeze.com

Please do not copy the answer given here

[Write to us for help in understanding the solution](#)