

MSC 1012 questions for Chapter 9 set 4

Bohr Atom:

NAME _____

1) What is the (Bohr) energy of an electron about a proton if the principal quantum number is:

a) 1:

ANS: _____ eV

ANS: _____ J

a) 2:

ANS: _____ eV

ANS: _____ J

a) 3:

ANS: _____ eV

ANS: _____ J

a) 4:

ANS: _____ eV

ANS: _____ J