

Chemistry

Use your book to answer the following questions in your notebook. Do not use a phone. Answers found on the internet may not be what you need, in order to answer the test questions correctly.

Copy the question and then write your answer(s).

Chapter 3

1. What is an isotope?
2. What is average atomic mass?
3. What is a mole? [Not an animal.]
4. What is the value (number) associated with Avogadro's number?
5. What does Avogadro's number represent?

Chapter 4

6. List 6 forms of electromagnetic radiation.
7. What is the photoelectric effect?
8. What is a quantum of energy?
9. $E=h\nu \rightarrow$ Identify what the h stands for. What is the value of h ?
10. What is a photon?
11. What is the ground state of an atom?
12. What is the excited state of an atom?
13. What does an atom need to absorb in order to move an electron to a higher energy level?
14. What does an atom need to emit in order to move an electron to a lower energy level?