

Name: _____

CHM 115

Quiz #2

1) If a ball is 7 cm in diameter, what is its diameter in micrometers (μm)?

2) When measuring density of a metal cube, the mass was measured to be 4.00 g and the volume as 2.0 cm^3 . What is the density of the cube (with the correct number of sig. figs)?

3) The atom contains these subatomic particles, _____ and _____, which are charged, and these particles which are not charged: _____.

4)	Protons	Neutrons
Atom A	17	18
Atom B	16	19
Atom C	17	19
Atom D	18	22

Which atom is the isotope of atom A? _____

Which atom has the same mass number as atom A? _____

5) When cathode rays are deflected by electrically charged plates, are the cathode rays attracted or repelled from the negatively charged plate?

Name: _____

CHM 115

Quiz #2

1) If a ball is 7 mm in diameter, what is its diameter in kilometers (km)?

2) When measuring density of a metal cube, the mass was measured to be 2.0 g and the volume as 4.00 cm³. What is the density of the cube (with the correct number of sig. figs)?

3) Of alpha, beta, and gamma radiation, which is not deflected by electrically charged plates? _____

4) The atom contains subatomic particles, called _____, which circle the nucleus. The atom also contains _____ and _____, which make up the nucleus.

5)	Protons	Neutrons
Atom A	18	18
Atom B	17	19
Atom C	16	19
Atom D	18	22

Which atom is the isotope of atom A? _____

Which atom has the same mass number as atom A? _____