

PS Chemistry  
Properties of Atoms & the Periodic Table

Name \_\_\_\_\_ Period \_\_\_\_\_  
Chapter 17 & 19 Vocabulary

Directions: Write a contextual definition for each of the following vocabulary terms using pages 506-525 or 570-591. All terms are in the book (not necessarily in **bold**) except those designated with an asterisk\*. Identify the page # from the chapter that the term was found on (not the glossary from the back of the book).

atom page # _____
nucleus page # _____
protons page # _____
neutrons page # _____
electrons page # _____
quarks page # _____
electron cloud page # _____
atomic orbitals*

atomic number page# _____
atomic mass*
atomic mass unit (amu)*
mass number page # _____
isotopes page # _____
average atomic mass page # _____
periodic table page # _____
groups page # _____

electron dot diagram page#\_\_\_\_\_

valence electrons\*

periods page #\_\_\_\_\_

metals page #\_\_\_\_\_

malleable page #\_\_\_\_\_

ductile page #\_\_\_\_\_

metallic bonding page #\_\_\_\_\_

radioactive element page #\_\_\_\_\_

transition elements page #\_\_\_\_\_

nonmetals page #\_\_\_\_\_

diatomic molecule page #\_\_\_\_\_

halogen page #\_\_\_\_\_

metalloids page #\_\_\_\_\_

allotropes page #\_\_\_\_\_

semiconductors page #\_\_\_\_\_

transuranium elements page #\_\_\_\_\_

synthetic elements \*