

Name _____

Homework 20: Atoms and the Periodic Table

Match each description in Column B to the correct term in Column A

Column A	Column B
_____ 16. atomic number	a. atoms that have the same number of protons but different numbers of neutrons
_____ 17. periodic table	b. weighted average mass of the atoms in a naturally occurring sample of an element
_____ 18. mass number	c. equals the number of neutrons plus the number of protons in an atom
_____ 19. group	d. $\frac{1}{12}$ the mass of a carbon-12 atom
_____ 20. isotopes	e. the number of protons in the nucleus of an atom of an element
_____ 21. atomic mass unit (amu)	f. an arrangement of elements according to similarities in their properties
_____ 22. atomic mass	g. a vertical column of elements in the periodic table
_____ 23. period	h. a horizontal row of the periodic table