PSC 1341 Quiz 4

Matchin	g			
1.	Isotopes			
2.	Groups			
3.	-			
	hydrogen bond	ling		
	melting	38		
	Homogeneous	Mixture		
7.	_			
	Temperature	3 WILKEUTC		
	Sublimation			
	Absolute zero			
	Einstein			
	De Brolie			
	Bohr			
	Group 7A			
14.	Group /A			
B. W C. Th D. ph E. ph F. A G. A H. A I. ato J. Co K. Ro L. A M. the	ater's attractive attractive at lowest temper ase change from ase change from scientist who sa scientist who sa mixture that is roms with the sar olumns on the period on the period mixture that is at a halogens	rature possible bec n solid to liquid n solid to gas id "particles, like edid "Light, a wave, not all the same me number of prote eriodic table dic table all the same	ause molecular electrons, can h can have partions but differen	r motion is essentially zero. have wave-like properties" cle like properties" nt numbers of neutrons.
Matching				
15.	Fe		A.	silver
16.	Au		B.	iron
17.	O		C.	gold
18.	Ag			carbon
19.	C^{S}			oxygen
-				3.0

a)b)c)d)	The pressure of the earth's atmosphere at sea level is due to the gravitational attraction of the earth for the atmosphere. the heating of the atmosphere by the sun. The fact that most living things constantly breathe air. evaporation of water from the sea's atmosphere.
21.	How many protons are in the nucleus of a carbon-14 atom?
22.	How many neutrons are in the nucleus of a carbon-14 atom?
23.	How many neutrons are in the nucleus of a carbon-12 atom?
	How many moles of gas are in a balloon with a volume of 2.00 liters at a temperature of 298 nd a pressure of 1.11 atm?
	A piston is squished from 20.0 mL to 7.35 mL. If the starting pressure is 1.01 atm, what is final pressure? Assume temperature is constant.
	An atom has 20 protons, 22 neutrons and 18 electrons. Describe this atom using the format cribed in class.