

58. Balance $\underline{\hspace{1cm}} \text{H}_2 + \underline{\hspace{1cm}} \text{O}_2 \rightarrow \underline{\hspace{1cm}} \text{H}_2\text{O}$

59. Select **True** or **False** A substance with a pH of 9 is

a. _____ both an acid and a base c. _____ an acid

b. a base

d. neutral

60. Chose the phrase that makes the statement true.

A ball **moving through the air, in someone's hand, on the ground, in a toy box** has kinetic energy.

61. The amount of space an object occupies (takes up) is call _____

62. Fill in the table below that compares mass and weight.

Terms:

The amount of matter in an object.

grams

The force of gravity acting on an object.

newtons

	Weight	Mass
What does it measure?		
What unit is used to measure it?		

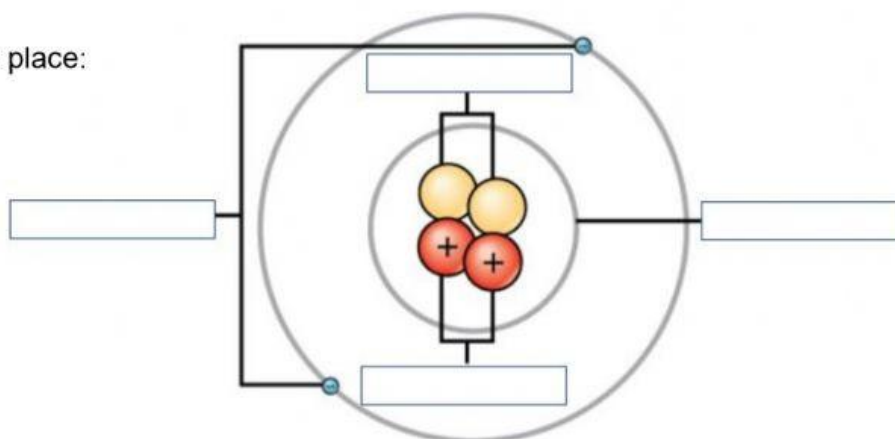
63. Put the terms in the correct place:

Electrons

Neutrons

Nucleus

Protons



64. Referring to the periodic table, the element sodium should have the most properties in common with —

PICK ALL THAT APPLY

Li-Lithium

Ne-Neon

O-Oxygen

K-Potassium

Au-Gold

Rb-Rubidium

Pb-Lead

B-Boron

F-Fluorine

Al-Aluminum

Periodic Table of the Elements

1 H 1.008																	18 He 4.003																	
3 Li 6.94	4 Be 9.01											13 B 10.81	14 C 12.01	15 N 14.01	16 O 16.00	17 F 19.00	19 K 39.10	20 Ca 40.08																
11 Na 22.99	12 Mg 24.31	3 Al 26.98	4 Si 28.09	5 P 30.97	6 S 32.07	7 Cl 35.45	8 Ar 39.95	19 K 39.10	20 Ca 40.08	21 Sc 44.96	22 Ti 47.88	23 V 50.94	24 Cr 52.00	25 Mn 54.94	26 Fe 55.85	27 Co 58.93	28 Ni 58.69	29 Cu 63.55	30 Zn 65.39	31 Ga 69.72	32 Ge 72.61	33 As 74.92	34 Se 78.96	35 Br 79.90	36 Kr 83.80									
37 Rb 85.47	38 Sr 87.62	39 Y 88.91	40 Zr 91.22	41 Nb 92.91	42 Mo 95.94	43 Tc 97.91	44 Ru 101.07	45 Rh 101.07	46 Pd 106.42	47 Ag 107.87	48 Cd 112.41	49 In 114.82	50 Sn 118.71	51 Sb 121.76	52 Te 127.60	53 I 126.91	54 Xe 131.29	55 Cs 132.91	56 Ba 137.33	57 La 138.91	58 Ce 140.12	59 Pr 140.91	60 Nd 144.24	61 Pm 144.91	62 Sm 150.36	63 Eu 151.97	64 Gd 157.25	65 Tb 158.93	66 Dy 162.50	67 Ho 164.93	68 Er 167.26	69 Tm 168.93	70 Yb 173.04	71 Lu 174.97
87 Fr 223.02	88 Ra 226.03	89 Ac 227.03	90 Th 232.04	91 Pa 231.04	92 U 238.03	93 Np 237.05	94 Pu 244.06	95 Am 243.06	96 Cm 247.07	97 Bk 247.07	98 Cf 251.08	99 Es 252.08	100 Fm 257.10	101 Md 258.10	102 No 259.10	103 Lr 262.11	104 Rf 261.10	105 Db 262.11	106 Sg 266.12	107 Bh 264.12	108 Hs 277.13	109 Mt 268.10	110 Ds 271.10	111 Rg 272.11	112 Cn 285.12	113 Nh 286.10	114 Fl 289.10	115 Mc 288.10	116 Lv 293.10	117 Ts 294.10	118 Og 294.10			