

58. Balance $\underline{\hspace{1cm}}$ H_2 + $\underline{\hspace{1cm}}$ O_2 \rightarrow $\underline{\hspace{1cm}}$ H_2O

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

60. Choose 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
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	Weight	Mass
What does it measure?		
What unit is used to measure it?		

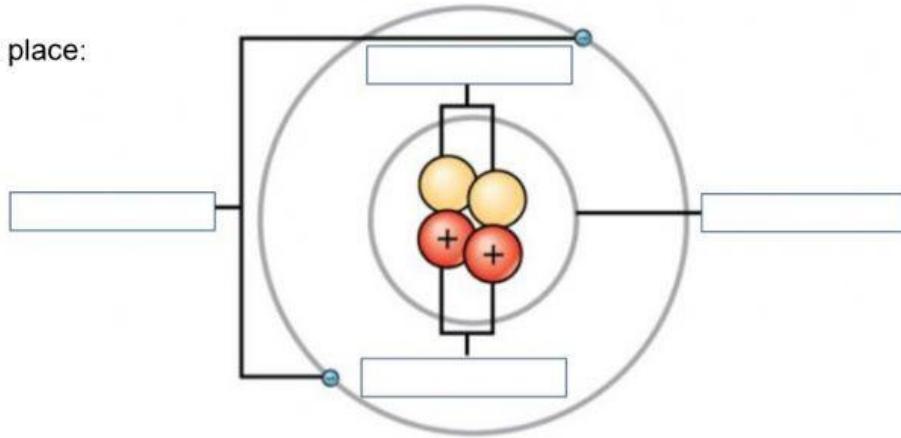
63. Put the terms in the correct place:

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

1	2	He
H		4.00
1.01	2.00	
3	4	
Li	Be	
6.94	9.01	
1.01	2.01	
11	12	
Na	Mg	
22.99	24.31	
19	20	
K	Ca	
39.10	40.08	
1.01	2.01	
37	38	
Rb	Sr	
84.7	87.02	
0.01	0.01	
55	56	
Cs	Ba	
132.91	133.33	
87	88	
Fr	Ra	
223.90	226.03	
89	90	
Ac	Th	
227.03	232.04	
91	92	
Pa	U	
234.04	238.03	
93	94	
Am	Cm	
243.06	247.07	
58	59	
Ca	Pr	
140.13	141.91	
1.01	1.91	
60	61	
Nd	Pm	
150.36	144.91	
1.01	1.91	
62	63	
Sm	Eu	
151.97	151.97	
1.01	1.97	
64	65	
Gd	Tb	
157.25	158.93	
1.01	1.97	
66	67	
Dy	Ho	
154.93	162.50	
1.01	1.93	
68	69	
Er	Tm	
167.60	169.93	
1.01	1.97	
70	71	
Yb	Lu	
173.04	174.97	
1.01	1.97	