



Name: _____ Date: _____

Teacher: _____

Atomic Structure and pH Lab

1

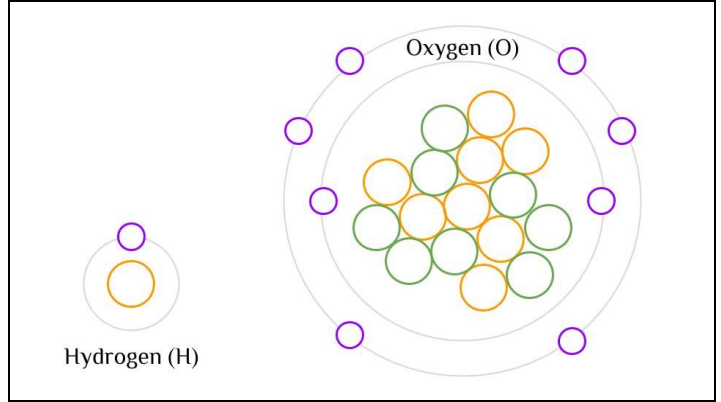
H

1.008

8

O

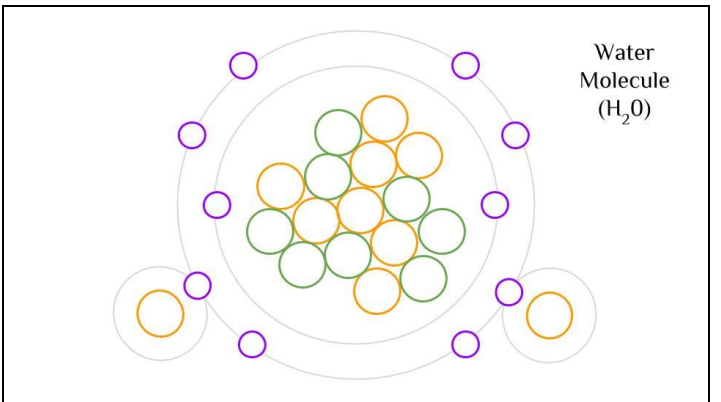
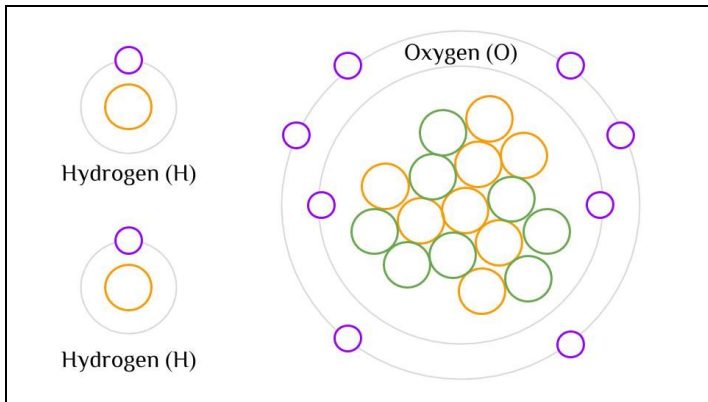
15.999



Electrons: _____
 Protons: _____
 Neutrons: _____

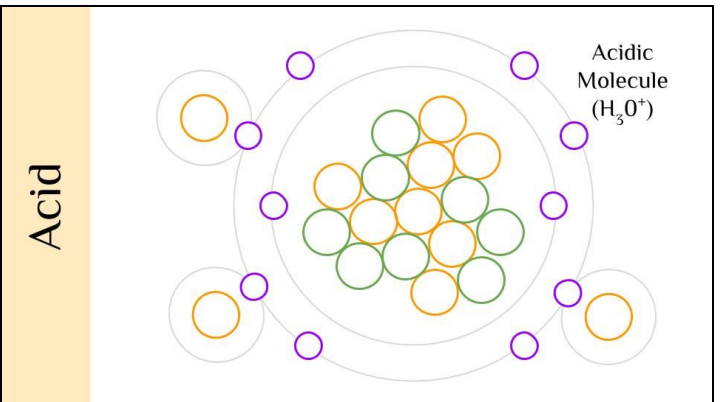
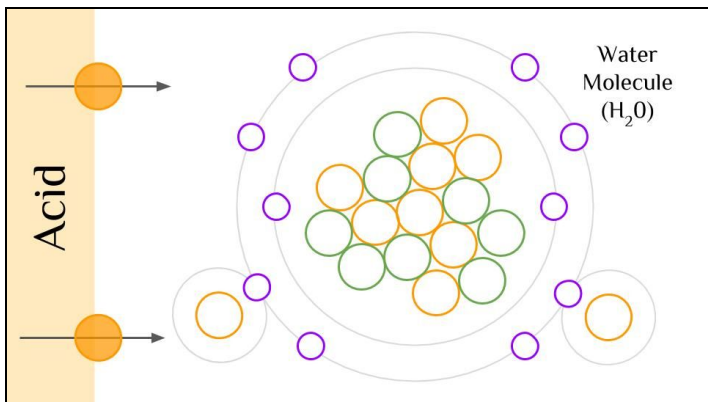
Electrons: _____
 Protons: _____
 Neutrons: _____

Number of Protons: _____
 Number of Electrons: _____



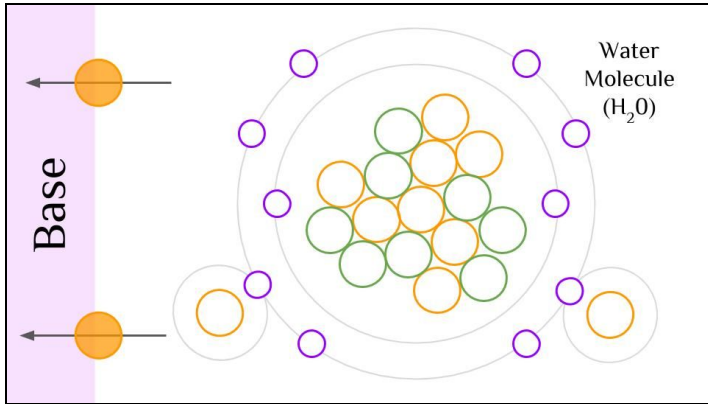
Number of Protons: _____
 Number of Electrons: _____

Number of Protons: _____
 Number of Electrons: _____

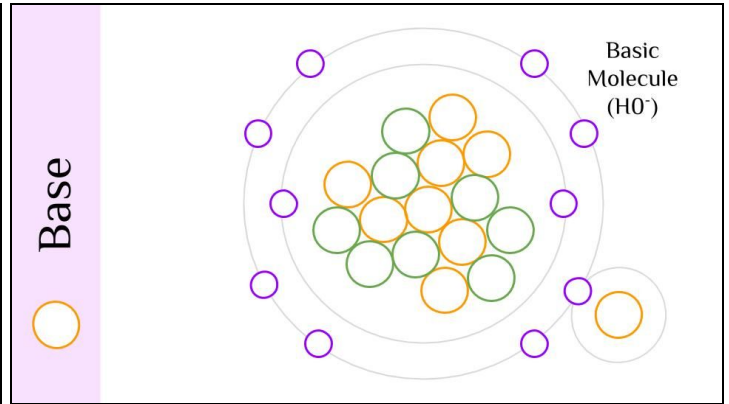


Number of Protons: _____
 Number of Electrons: _____

Number of Protons: _____
 Number of Electrons: _____



Number of Protons: _____
 Number of Electrons: _____



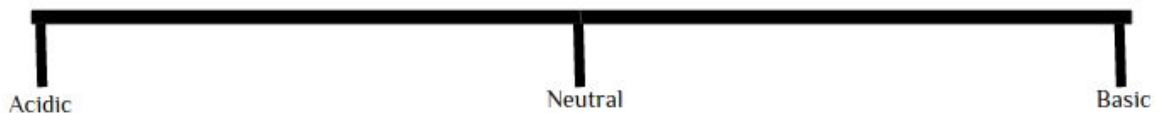
Number of Protons: _____
 Number of Electrons: _____

Acidic and Basic Lab

Purpose: To determine the pH of household materials.

<u>Independent Variable:</u>	Vinegar Solution	Water	Baking Soda Solution
<u>Dependent Variable (Acidic, Basic Neutral):</u>			
<u>Hypothesis:</u>			
<u>Observation:</u>			

Label the vinegar, water, and baking soda on the number line below:



Conclusion:

The vinegar solution is _____.

That means it has (circle one) more / fewer / same number of protons.

The water is _____.

That means it has (circle one) more / fewer / same number of protons.

The baking soda solution is _____.

That means it has (circle one) more / fewer / same number of protons.