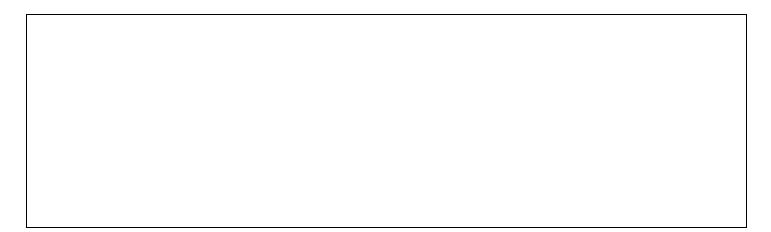
Reactions, Acids, and Bases

Water		
Cohesion is		
Water particles have	cohesion, which means that water has strong	
	or a "skin".	

Draw a pictures of the particles at the surface of a glass of water, demonstrating the "skin" of water:



Chemical Reactions

When a substance undergoes a chemical change and cannot be restored into it's original form, we call this a

When a substance undergoes a physical change and can be restored into it's original form, we call this a

Physical Changes	Chemical Changes

In the table below, list some examples of physical and chemical changes:

_ ____

What are 5 signs that a chemical change has occurred? Give an example.

1		Eg	
2		Eg	
3		Eg	
4		Eg	
5		Eg	
The gas produ	iced when you mix baking soda w	vith an acid is	

Acids and Bases

Draw and label the following on a pH scale from 0 to 14: acids, neutral, bases.

In the table below, list some examples of acids and bases:

Acids	Bases

If blue litmus paper touches an acid, it will undergo a c	hemical reaction, changing to		
If blue litmus paper touches a base, it will undergo no change, remaining			
If red litmus paper touches a base, it will undergo a chemical reaction, changing to			
If red litmus paper touches an acid, it will undergo no change, remaining			
A substance that is	will not affect either red or blue litmus paper.		