Name:		Dat	e:	нк:
	Acid	ls and Bas	es Lab	
An acid is				
A base is				
		pH Scale		
strong acid	weak acid	neutral	weak base	strong base

First, make a prediction for each item. Do you think it will be an acid or a base or neutral?

Second, test each substance using a piece of pH paper. Use the color chart to determine its pH, then decide if that means it is an acid or a base. Save your samples and your pH paper.

Once you have tested all the substances, put the strips in order along the pH scale and tape them down to one group member's paper.

Substance	Prediction (Acid/Base)	Measured pH	Acid or Base?

Name:	Date:	HR:	
Analysis & conclusion: Please answer in			
1. Is pH testing a qualitative or quantitat	ive test?		
2. Most foods were (acids/bases). Why d	o you think that is?		
3. Most cleaning supplies were (acids/bas	ses). Why do you think that is?		
4. What are some characteristics of the a	cids?		
5. What are some characteristics of the b	ases?		