

Acids/Bases Lab

Members of Group: _____

Directions: Test each of the following substances using litmus paper and determine whether it is an ACID or a BASE.

1. Problem Question: Which substances are considered acids and bases?
2. Hypothesis: Fill in the chart and check off whether you think the substances will be acids or bases.

Sustance	Acid	Base	Neutral
Hand Sanitizer(HS)			
Ammonia (A)			
Vinegar (V)			
Nail Polish Remover (NP)			
Mouthwash (MW)			
Lysol (L)			
Baking Soda (BS)			
Liquid Starch (LS)			

3. Materials: Ph paper (Litmus paper), pH scale color sheet, 8 cups, hand sanitizer, ammonia, vinegar, nail polish remover, mouthwash, Lysol, basking soda, liquid starch.
4. Procedure: dip a strip of Litmus paper into each of the cups. Compare the color of the paper to the pH color scale to determine the pH level. Then fill in the data table.

5. Data/Results:

Substance	Color of pH paper	pH Value	Acid, Base, or Neutral?
Hand Sanitizer(HS)			
Ammonia (A)			
Vinegar (V)			
Nail Polish Remover (NP)			
Mouthwash (MW)			
Lysol (L)			
Baking Soda (BS)			
Liquid Starch (LS)			

6. Conclusion: (Was your hypothesis correct? Explain.) _____
