Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Hands-On Activity: Measuring Acidity By: Caitlyn Yackeren**

***EXTRA PRACTICE PROBLEMS***

Directions: Given the following information about certain solutions, Solve for pH or [H3O+1]!

1. **Milk**:



pH Level: \_\_\_\_8\_\_\_\_

[H3O+1] : \_\_\_\_\_\_\_\_\_ \_

Acid or Base?: \_\_\_\_\_\_\_\_\_\_\_

1. **Mountain Dew**:   
      
   pH Level: \_\_\_\_\_\_\_\_\_\_\_

[H3O+1] : \_\_\_\_10^-3.27\_\_\_

Acid or Base?: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Pepsi:

  
  
pH Level: \_\_\_\_\_\_\_\_\_\_

[H3O+1] : \_\_\_\_10^-2.61\_\_\_\_\_\_

Acid or Base?: \_\_\_\_\_\_\_\_\_\_\_

1. Water:



pH Level: \_\_\_\_7\_\_\_\_\_\_

[H3O+1] : \_\_\_\_\_\_\_\_\_\_

Acid or Base?: \_\_\_\_\_\_\_\_\_\_\_