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**:

 ![C:\Users\Caitlyn\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\R5UYT23G\milk_carton[1].gif]()

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

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

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

1. **Mountain Dew**:
 ![C:\Users\Caitlyn\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\WFNXWQO1\mountain-dew[1].jpg]()
pH Level: \_\_\_\_\_\_\_\_\_\_\_

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

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

1. Pepsi:

 ![C:\Users\Caitlyn\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\R5UYT23G\pepsi[1].png]()

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

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

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

1. Water:

 ![C:\Users\Caitlyn\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\8WQQBLBX\bottle_of_water_by_orialas-d48tb32[1].png]()

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

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

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