Name: /6

Lab Quiz #1: Acids and Bases

1. What was the cabbage juice used for in the lab? What colour did the indicator turn in the presence of an acid? (2 marks)

2. If I had a substance that was between pH 3 and pH 4 which indicator would I want to use to give me the most **specific** results and why? (2 marks)

3. I am testing an unknown liquid in the lab and gained the following results
    a. Turns yellow in methyl orange
    b. Turns orange in methyl red
    c. Turns yellow in brothymol blue

    What information does this give you?

Name the following: H_2SO_3:

H_2SO_4:

H_2S:

Write the formula for: hydrochloric acid

chloric acid

chlorous acid