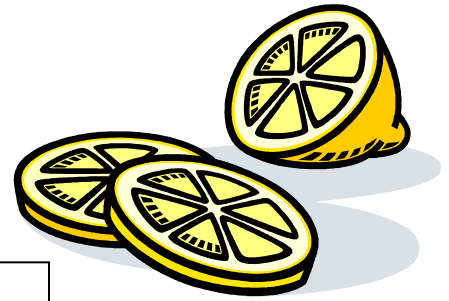


Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Acid Attack Activity – Attack Worksheet



Draw a picture of your chalk “sculpture.”

### Predict

What do you think will happen when you put your chalk into the liquid?

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### Data

What liquid did you put your chalk in? \_\_\_\_\_

While you are waiting, use your litmus paper to measure the pH of all three liquids:

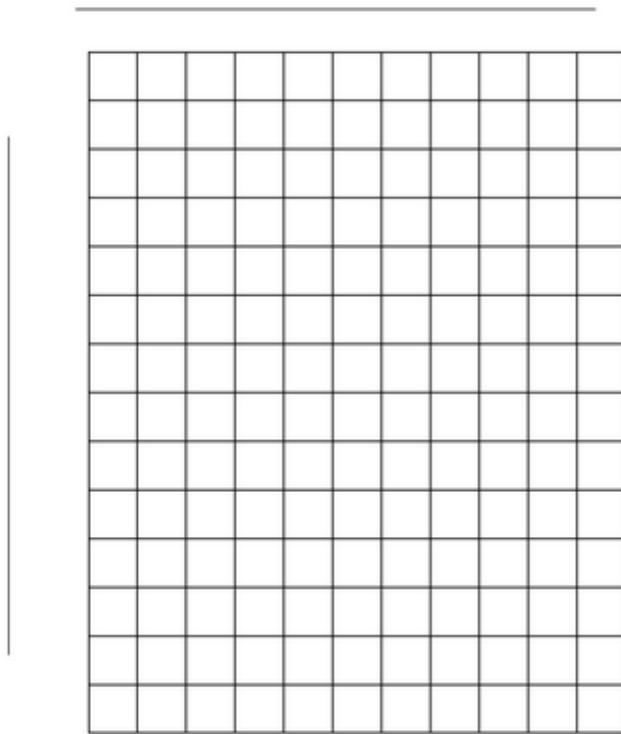
The pH of **lemon juice** was \_\_\_\_\_.

The pH of **tap water** was \_\_\_\_\_.

The pH of **vinegar** was \_\_\_\_\_.

Draw a bar graph of the pH of each liquid.

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



### Results

Draw a picture of your chalk after it set in liquid.



### Conclusions

Compare your chalk with the chalk of the other members of your group. Which chalk looked the worse?

\_\_\_\_\_

Which liquid — **lemon juice**, **tap water** or **vinegar** — is the most acidic (dissolved the chalk the most and lowest pH value)?

\_\_\_\_\_