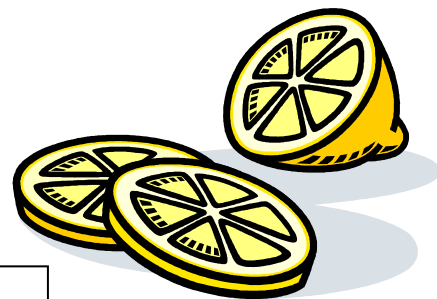


Name: _____ Date: _____

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?

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 _____.

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)?