

What is it with the Danish and Acids?

Pre-lesson assignment – textbook p315-318

Define the following terms

- Define pH in terms of $[H^+]$

Make notes on pH.

Use the following questions as guidance:

1. Explain how pH is related to acidity and alkalinity.
2. Using your calculator, practice converting the $[H^+]$ to pH.
3. Explain how a pH of 2 compares to a pH of 3, and how a pH of 1 compares to a pH of 14.
4. Justify the expression:
 $[HA_{(aq)}] = [H^+_{(aq)}]$
5. Explain how diluting a solution changes the pH