

Recording results of a pH test

This task is about using indicators to find the pH of four different liquids.

Susie wanted to find out what happens when the indicator solutions of

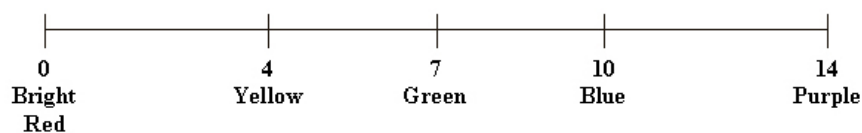
- methyl red,
- litmus, and
- phenolphthalein

were added in turn to each of

- sulphuric acid,
- water,
- sodium hydroxide and
- vinegar.

a) Draw a table that Susie could use to record her results. (You do not need to show any results).

b) Below is the pH scale.



When tested, vinegar turned the indicator orange, while lime water turned it dark blue. Draw a **V** for vinegar and a **L** for lime water to show where these solutions would be on the pH scale.