Measuring Acids and Bases

A **neutral solution** is defined to be:

- **Acidic solutions** have
- **Basic solutions** have

This relationship ↓ is always true: (and this is the value that applies at 25° C)

We can describe acidity using pH:

We can describe basicity using pOH:

pH and pOH are also related to each other ↓: (this value applies at 25° C):

Examples	$[OH^-]$	$[H^+]$	Litmus