

pH AND COLOUR CHANGES

EXAM GUIDE: NCEA LEVEL I SCIENCE (90944)

(1) Know which colour and pH you are starting at

+

(2) Know which colour and pH you will end at

(3) For each colour and pH between start and end state whether the solution is acidic, basic or neutral
AND state the ratio of H^+ to OH^- ions.

(4) Include a word and balanced full symbol equation

	RED	ORANGE	YELLOW	GREEN	BLUE	INDIGO	VIOLET
pH	1-2	3-4	5-6	7	8-9	10-11	12-14
Acid or base?	Acid			Neutral	Base		
Concentration of H^+	Very High	High	Slightly high	Equal	Slightly low	Low	Very Low
Concentration of OH^-	Very Low	Low	Slightly low		Slightly high	High	Very High

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