

5.1 BLM 2-25 Acids and Bases ANSWER KEY

BLM 2-25, Acids and Bases

- (a) H^+ ; less than; lower; blue; red; turns pink; conduct; sour
(b) OH^- ; greater than; higher; red; blue; remains colourless; conduct; bitter
- Answers are in boldface.

Name of Substance	Chemical Formula of Aqueous Solution	Name of Acid or Base
hydrogen sulphide	H_2S	hydrosulphuric acid
hydrogen carbonate	H_2CO_3	carbonic acid
hydrogen phosphate	H_3PO_4	phosphoric acid
magnesium hydroxide	$\text{Mg}(\text{OH})_2$	magnesium hydroxide solution
ammonium hydroxide	NH_4OH	ammonium hydroxide solution
hydrogen chlorate	HClO_3	chloric acid
hydrogen acetate	CH_3COOH	acetic acid or ethanoic acid
hydrogen sulphite	H_2SO_3	sulphurous acid