

5.1 Reading Check ANSWER KEY

Reading Check Answers, p. 225

1. The pH scale is a number scale for measuring how acidic or basic a solution is.
2. Above pH 7
3. 100 times more basic
4. Colourless
5. (a) Yellow
(b) Green
(c) Blue

Reading Check Answers, p. 227

1. An acid has an H on the left side of its formula. (For acids containing the element carbon, the H may be on the right, as in CH_3COOH .)
2. (a) Hydrochloric (some students may say gastric)
(b) Acetic
(c) Sulfuric
3. Hydrofluoric acid
4. Perchloric acid
5. Corrosive means can burn tissues on contact.

Reading Check Answers, p. 228

1. A base has an OH on the right side of its formula.
2. (a) $\text{Mg}(\text{OH})_2$
(b) NaOH
(c) NH_4OH
3. NaOH
4. Caustic

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