

Now solve these problems completely on your own:

1. Calculate the concentration of the Potassium hydroxide solution if 20 cm³ of it completely neutralized 15 cm³ of 2 mol dm⁻³ of hydrochloric acid.

Answer: The concentration of Potassium Hydroxide solution is 1.5 mol dm⁻³

2. Calculate the concentration of the hydrochloric acid if 18 cm³ of it was used to neutralize 25 cm³ of 0.2 mol dm⁻³ of sodium carbonate solution.

Answer: The concentration of the hydrochloric acid is 0.56 mol dm⁻³

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