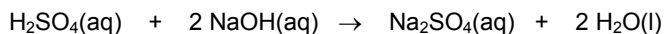




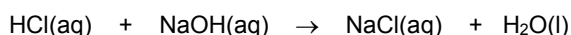
TITRATION CALCULATIONS 2

- 1) 25.0 cm³ of a solution of sodium hydroxide solution required 21.50 cm³ of 0.100 mol/dm³ sulphuric acid for neutralisation. Find the concentration of the sodium hydroxide solution in mol/dm³.



.....
.....
..... (3)

- 2) Find the volume of 1.2 mol/dm³ hydrochloric acid that reacts with 25.00 cm³ of 1.50 mol/dm³ sodium hydroxide.



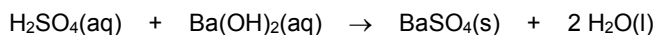
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- 3) What volume of 0.040 mol/dm³ calcium hydroxide just neutralises 25.0 cm³ of 0.100 mol/dm³ nitric acid?



.....
.....
..... (3)

- 4) 25.0 cm³ of 0.020 mol/dm³ sulphuric acid neutralises 18.6 cm³ of barium hydroxide solution.



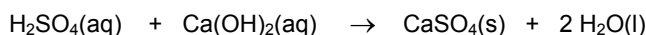
- a) Find the concentration of the barium hydroxide solution in mol/dm³.

.....
.....
..... (3)

- b) Find the concentration of the barium hydroxide solution in g/dm³.

.....
..... (2)

- 5) What volume of 0.10 mol/dm³ calcium hydroxide neutralises 25.0 cm³ of 0.140 mol/dm³ sulphuric acid?



.....
.....
..... (3)