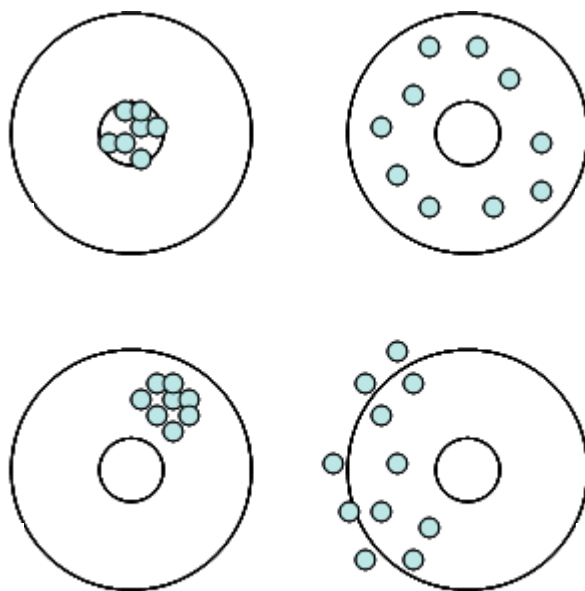


Year 12 Bridging the Gap – Biology 2

What is the R.M.M. of:

- 1 NaF_2
- 2 SO_2
- 3 KNO_3
- 4 CaPO_3
- 5 Glucose

- 6 An experiment to calculate energy in 1 g of food gives a result of 98 kJg^{-1} . The actual result is 112 kJg^{-1} . What is the % error of the experiment?

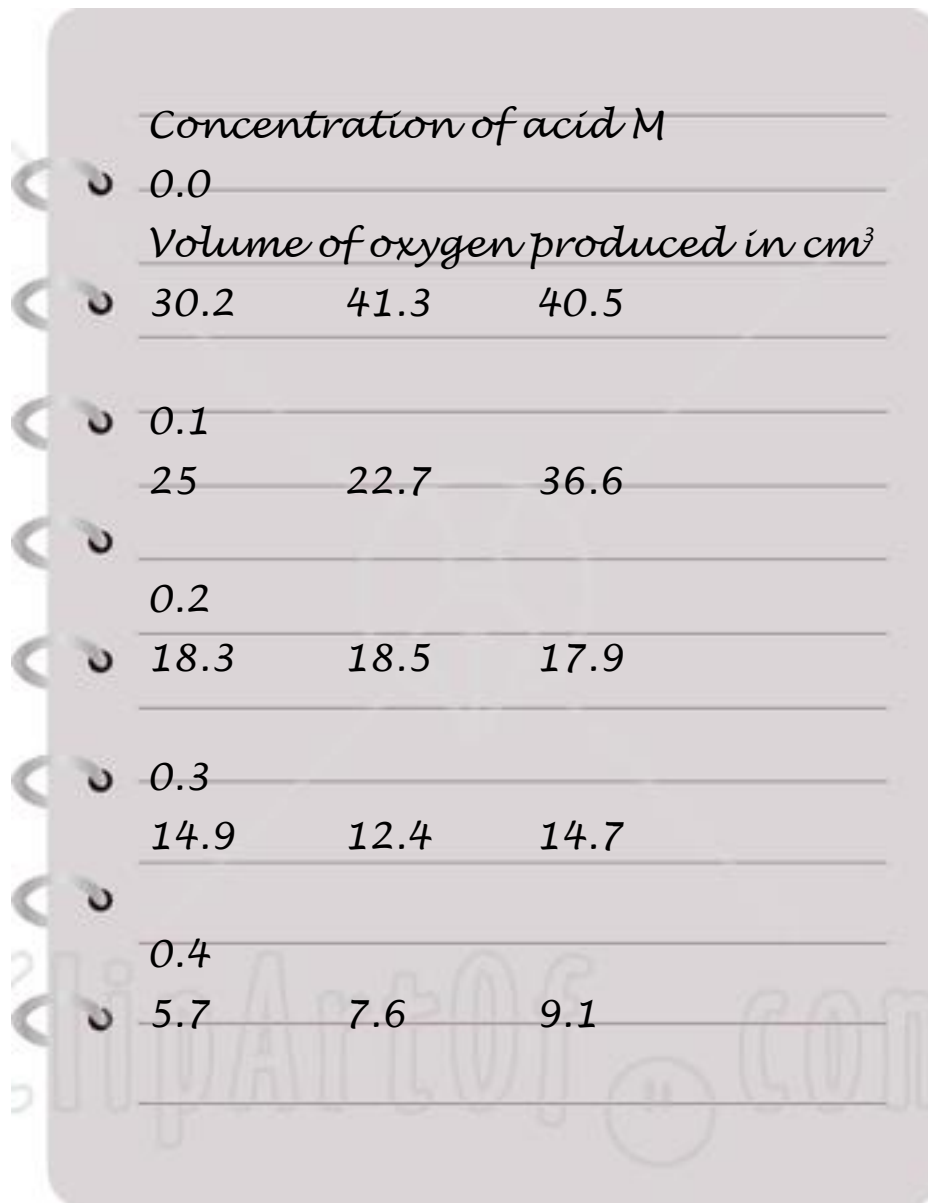


7

For the above pictures, the central circle represents a true value. Describe each of the targets in terms of precision and accuracy.

Year 12 Bridging the Gap – Biology 2

- 8 Place the following raw data into an appropriate table and graph the results.



The image shows a spiral-bound notebook with data written on it. The data is organized into a table with two columns: 'Concentration of acid M' and 'Volume of oxygen produced in cm³'. The data points are as follows:

Concentration of acid M	Volume of oxygen produced in cm ³
0.0	30.2 41.3 40.5
0.1	25 22.7 36.6
0.2	18.3 18.5 17.9
0.3	14.9 12.4 14.7
0.4	5.7 7.6 9.1

A watermark 'hipartof.com' is visible at the bottom of the notebook page.