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- (a) Read from Diagram 1.1. Avoid parallax error.

Answers:

30.0 cm³

- (b) Compare the volumes of gas displaced by sodium and calcium.

Answers:

A reactive metal can displace more gas from water.

Logam yang lebih reaktif boleh menyesarkan lebih banyak gas daripada air.

- (c) Compare the variables in Diagram 1.1 and Diagram 1.2. The variables are the mass of the metal, the time taken and the volume of gas collected.

Answers:

- (i) The mass of the metal/The time taken

Jisim logam/Masa yang diambil

- (ii) The volume of gas collected

Isi padu gas terkumpul

- (d) The volume of gas collected is larger when sodium is used. Sodium is more reactive.

Answers:

Sodium

Natrium

