

Paper Reference(s) 1SC0/2CF
Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Combined Science
Paper 5
Foundation Tier

Diagram Booklet

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

There may be spare copies of some diagrams in case you need them.

THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

Contents

Page

4	Question 1(d)
5	Question 2(a)(i)
6	Question 2(a)(i) (Spare copy)
7	Question 2(b)
8	Question 2(b)(iv)
9	Question 2(b)(iv) (Spare copy)
10	Question 3(b)(iii)
11	Question 3(b)(iii) (Spare copy)
12	Question 3(d)
13	Question 3(e)
14	Question 4(b)
15	Question 4(c)
16	Question 5(f)
17	Question 6(a)

Question 1(d)**FIGURE 1**

	concentration of carbon dioxide in ppm
January 2018	407·96
January 2019	410·83

Question 2(a)(i)

$$\begin{array}{c} \text{---} \\ \text{---} \\ + \\ \text{---} \\ \text{---} \\ \uparrow \\ \text{---} \\ \text{---} \\ + \\ \text{---} \\ \text{---} \end{array}$$

Question 2(a)(i)

+

↑

+

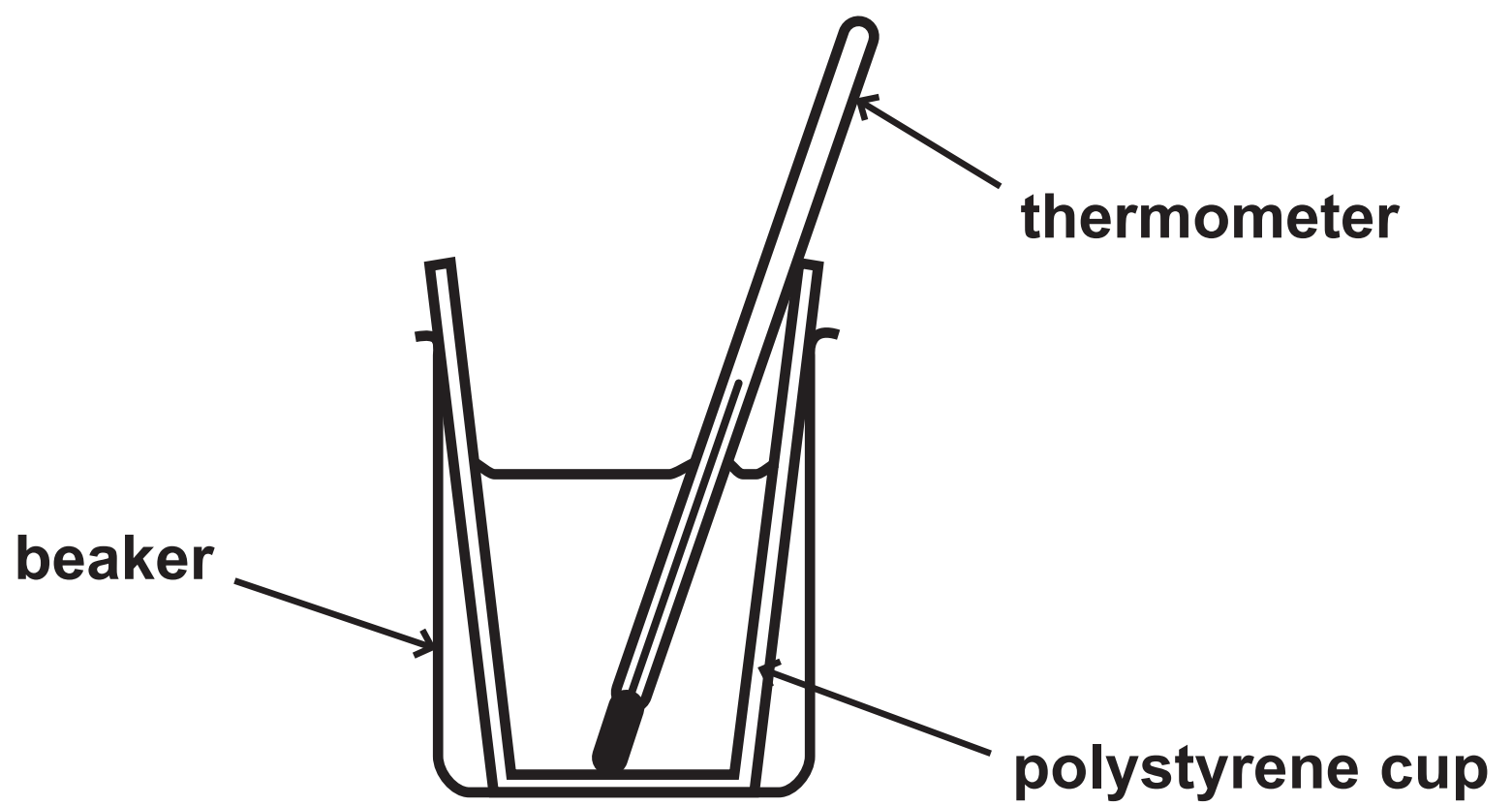
Question 2(b)**FIGURE 3**

FIGURE 4

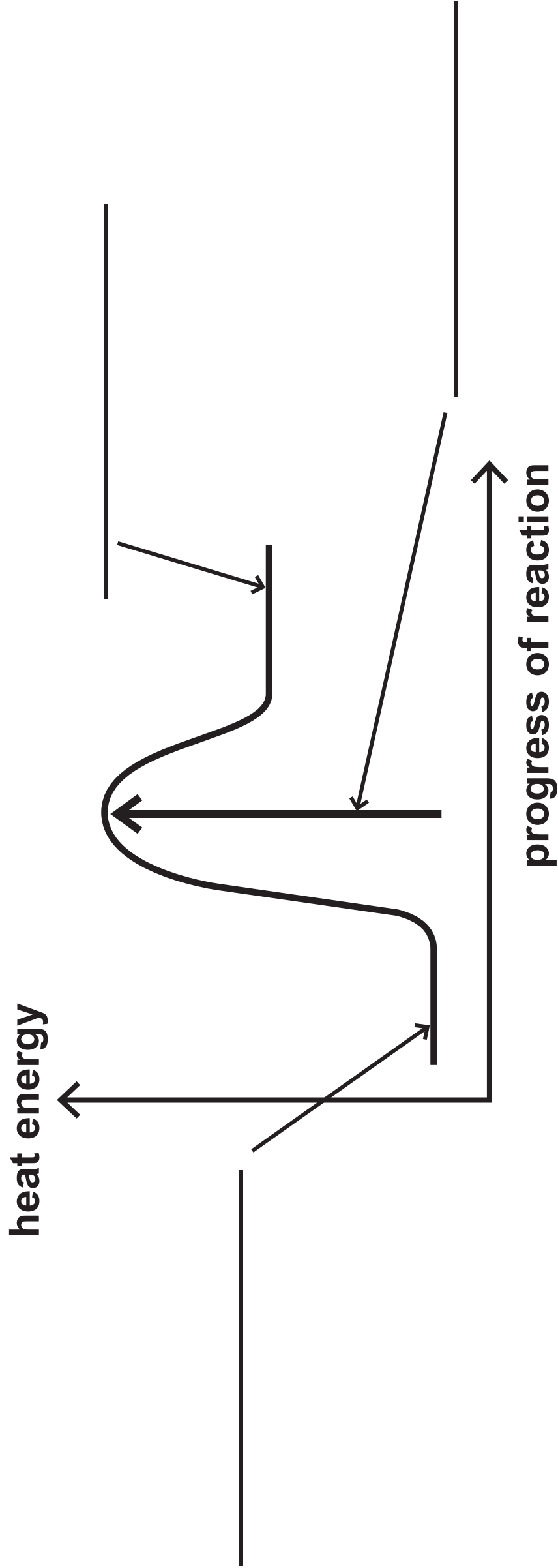
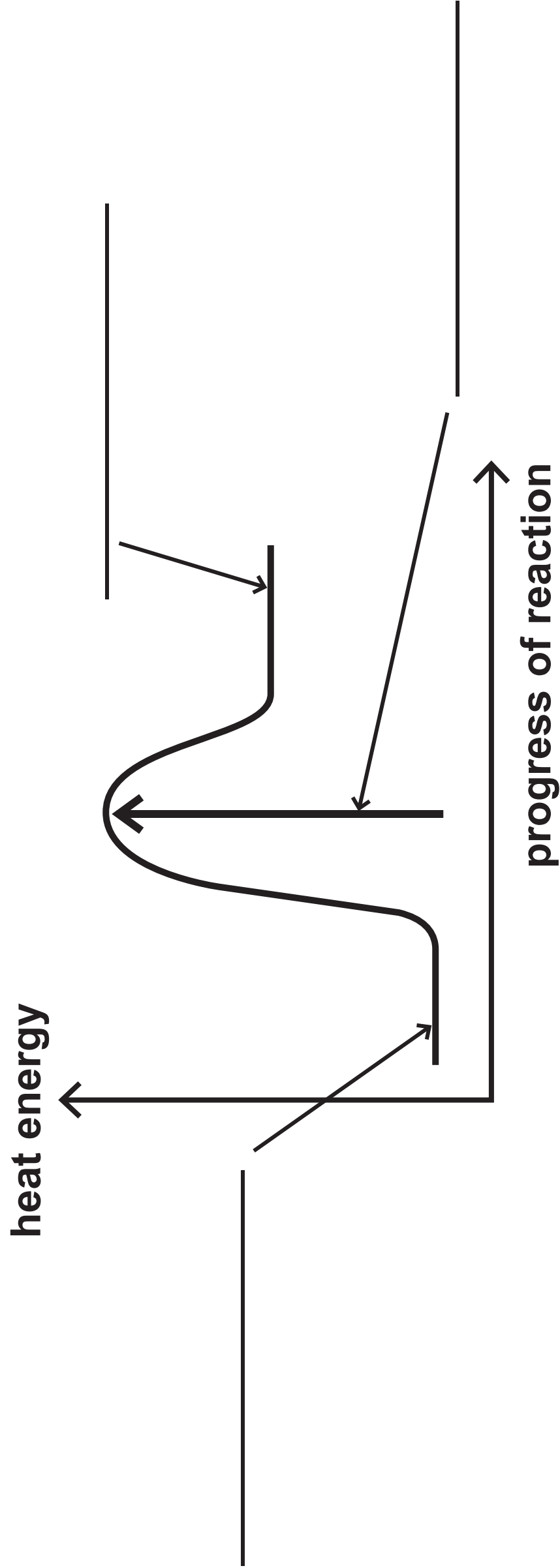
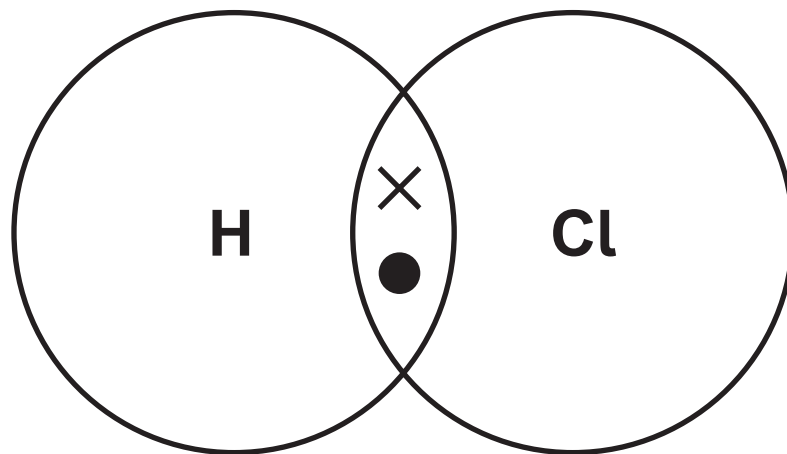
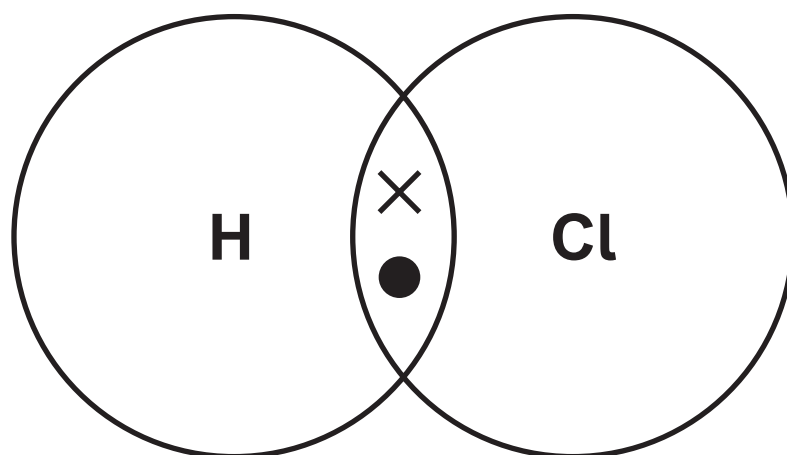


FIGURE 4

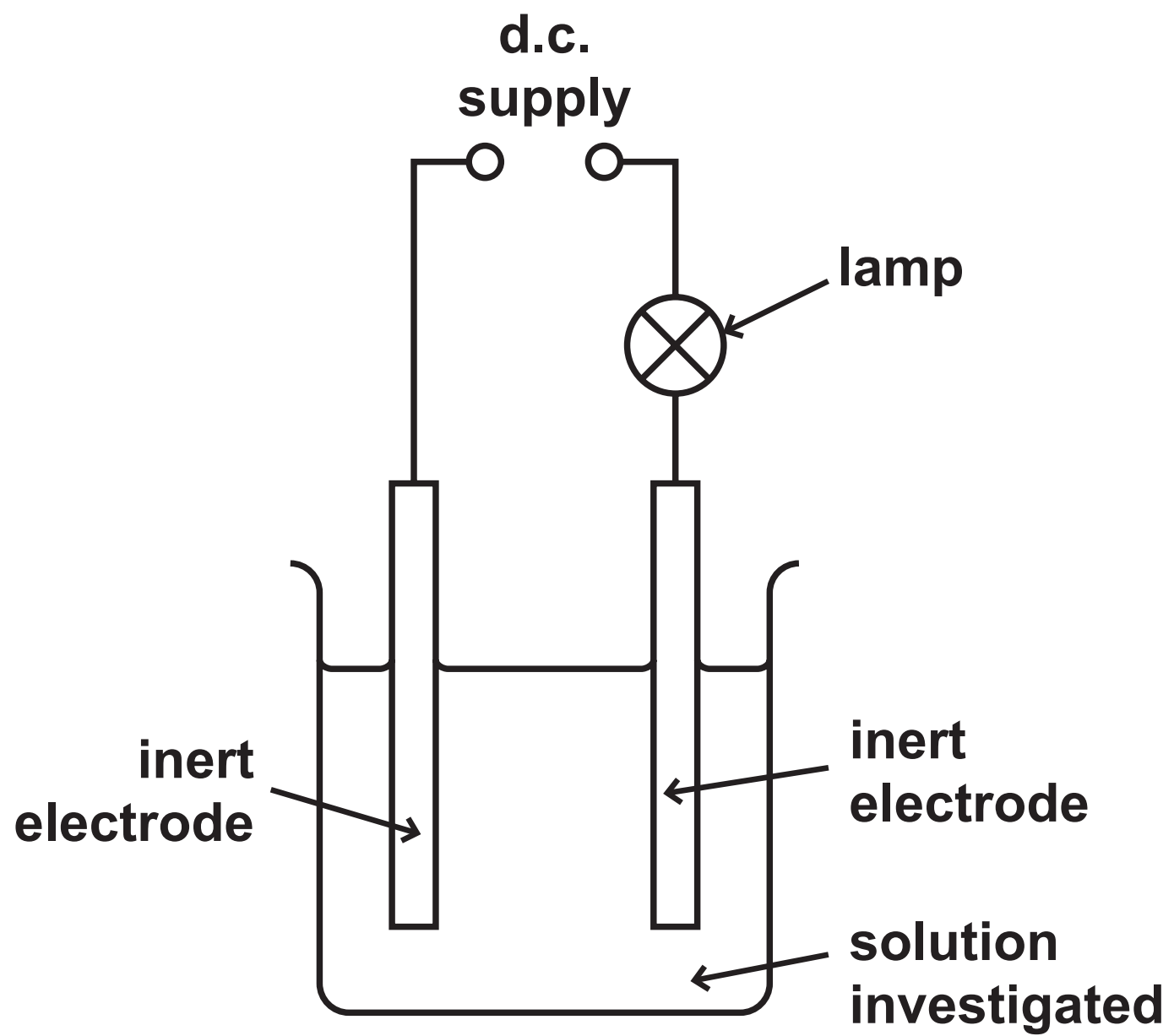


Question 3(b)(iii)

Question 3(b)(iii)

Question 3(d)

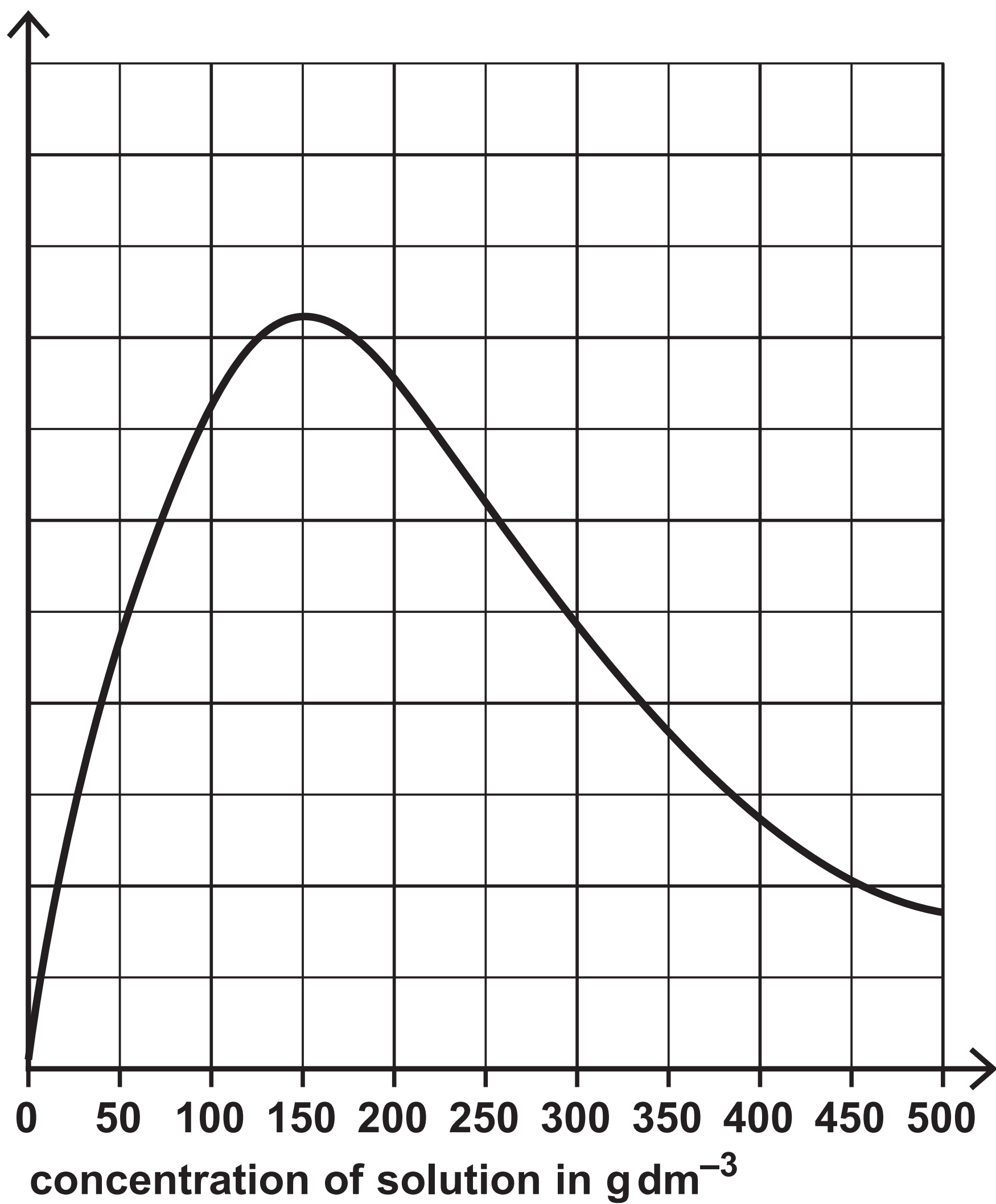
FIGURE 5



Question 3(e)

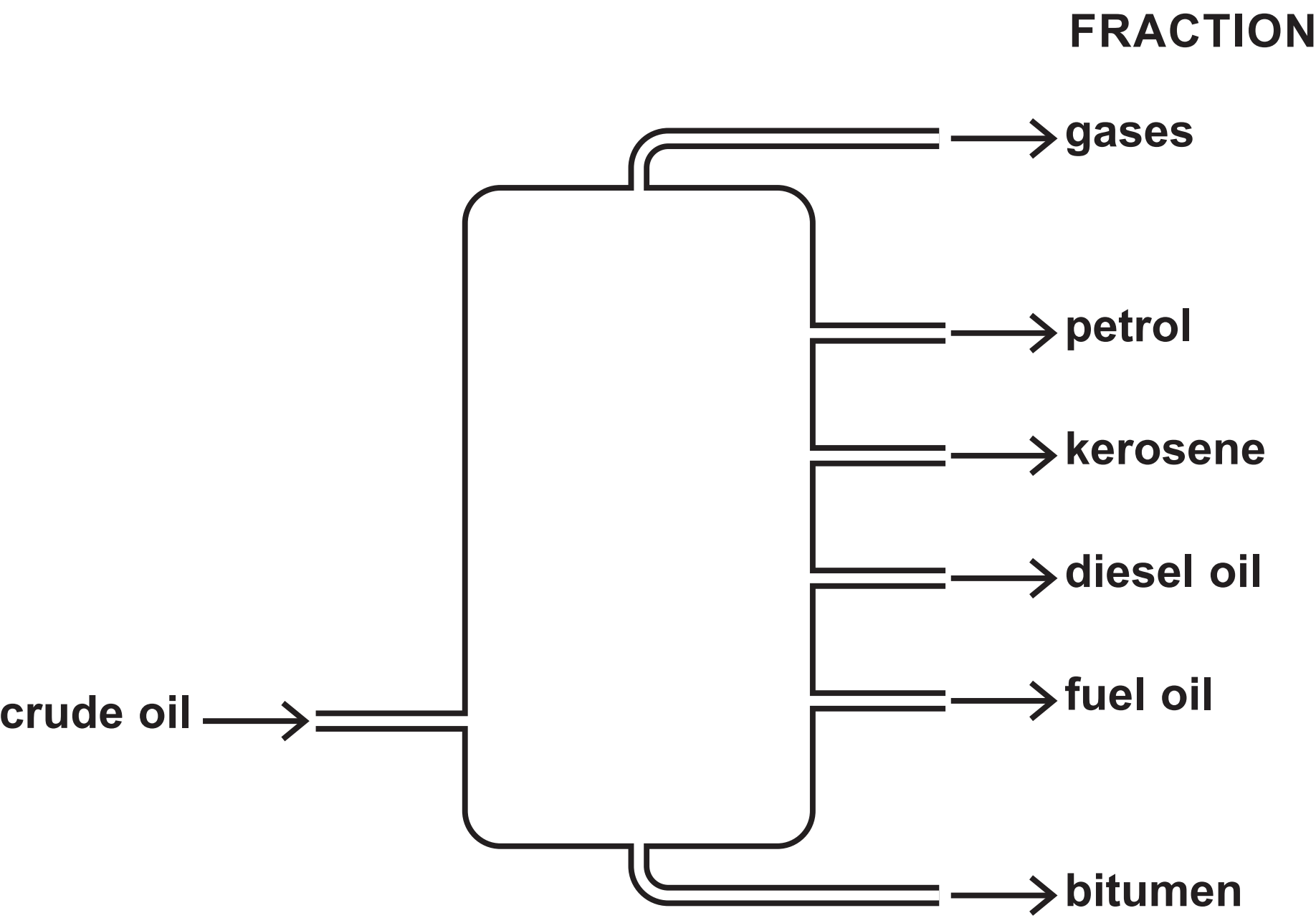
FIGURE 6

increasing
conductivity



Question 4(b)

FIGURE 7



Question 4(c)

FIGURE 8

fraction	relative amount	relative demand
gases	2	6
petrol	12	29
kerosene	16	11
diesel oil	24	29
fuel oil	37	21
bitumen	9	4

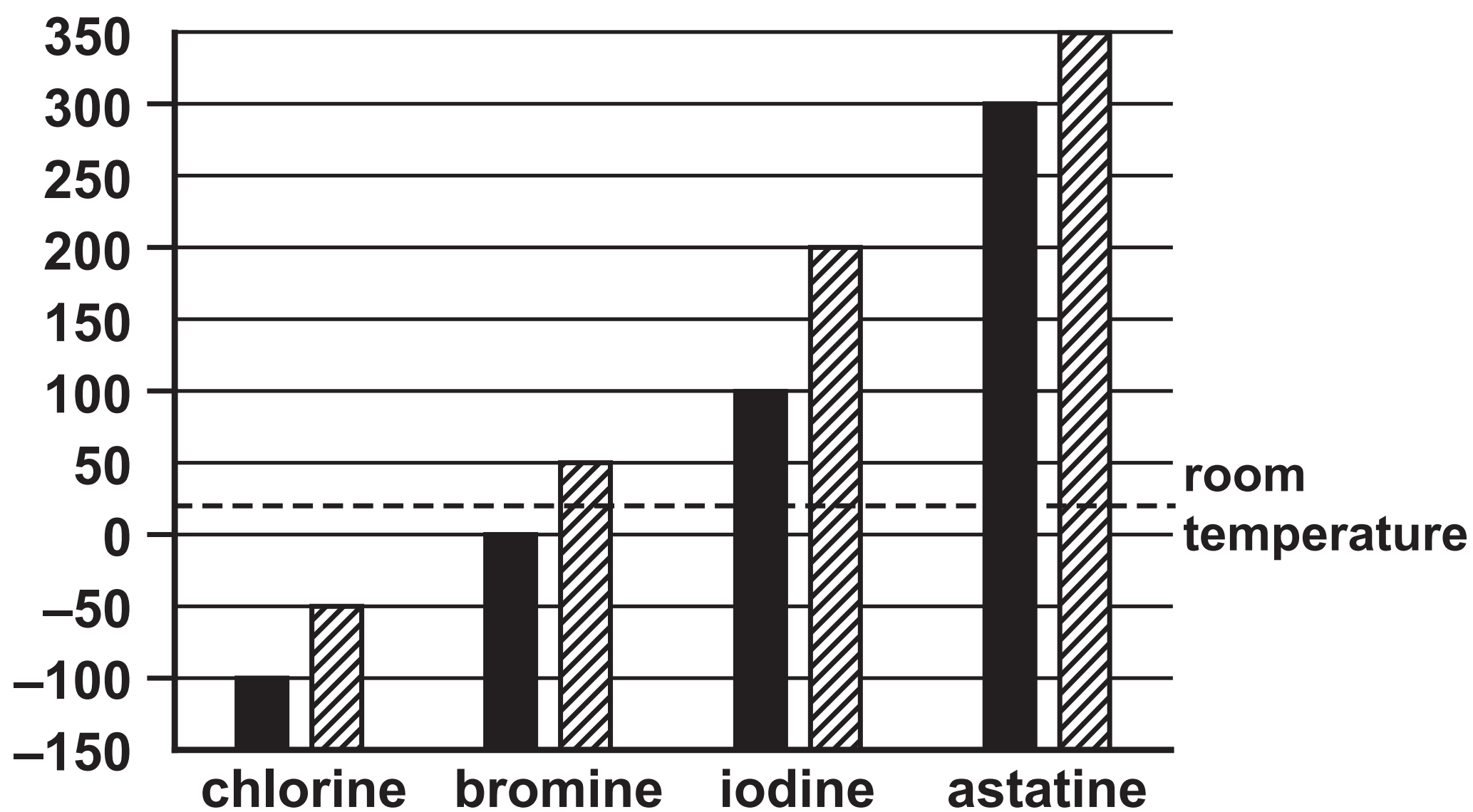
Question 5(f)

FIGURE 9

Key

■ melting point

▨ boiling point

temperature
in °C

Question 6(a)

FIGURE 10

size of calcium carbonate pieces used	volume of carbon dioxide gas produced in five minutes in cm³
large	16
small	48
powder	90