

Paper Reference(s) 1CH0/2F
Pearson Edexcel Level 1/Level 2 GCSE
(9–1)

Chemistry
PAPER 2:
Foundation Tier

Diagram Booklet

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

Surname					
Other names					
Centre Number					
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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.**

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4
Question 1(d)

FIGURE 1

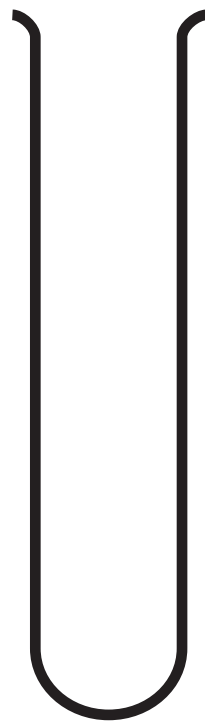
substance	percentage composition
abrasives	35%
water	
other substances	25%

Question 2(a)**FIGURE 2**

symbol	melting point in °C
Li	181
Na	98
K	64

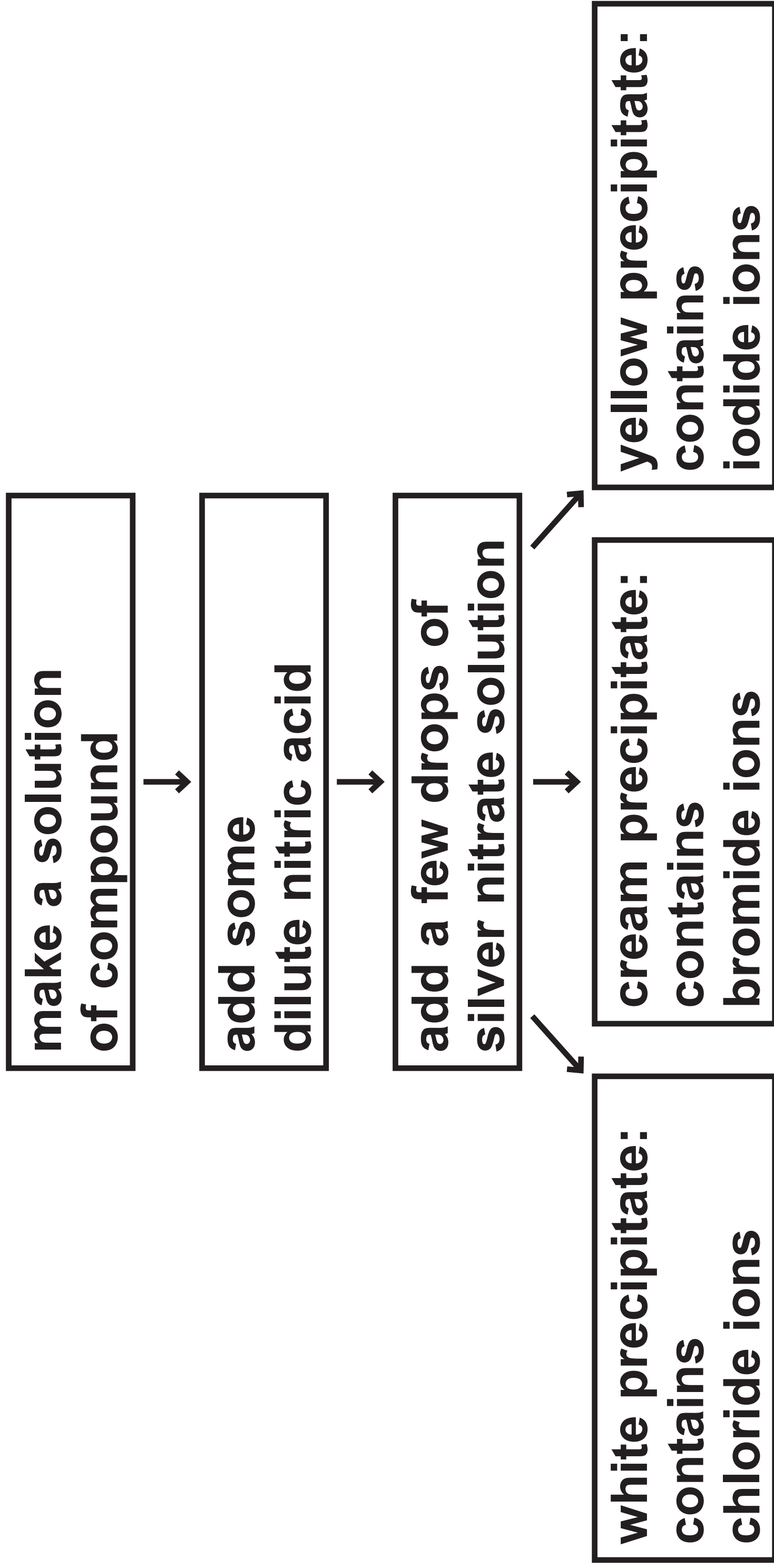
Question 2(b)

FIGURE 3



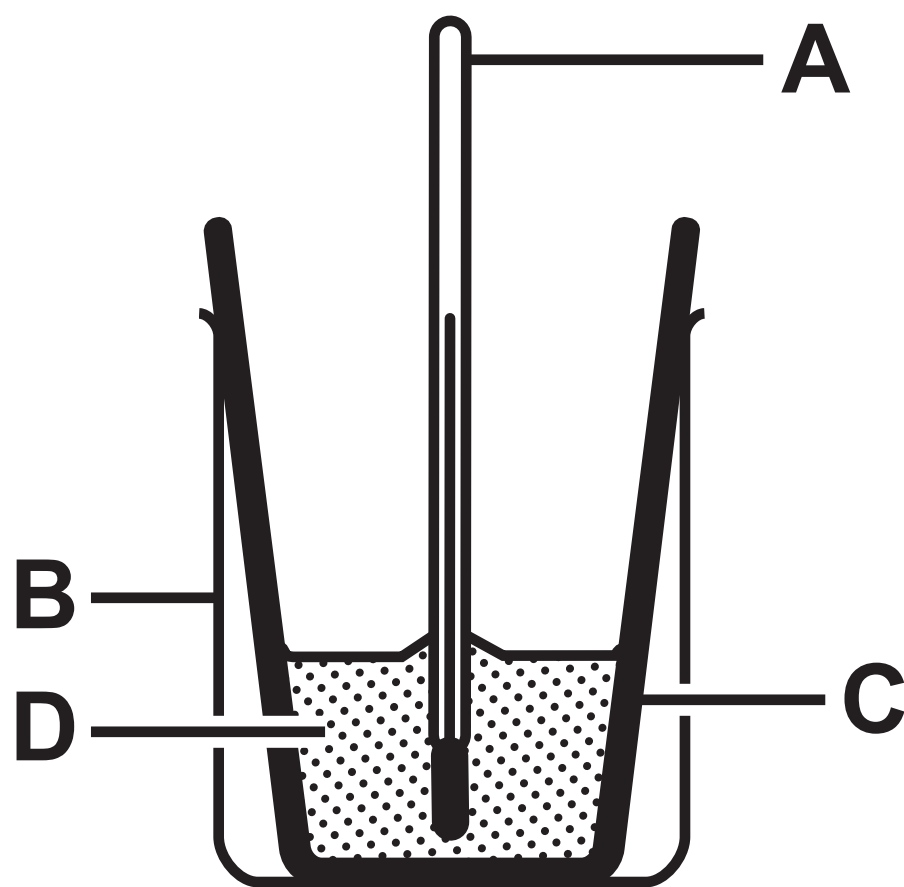
7 Question 3

FIGURE 4



Question 4(b)

FIGURE 5



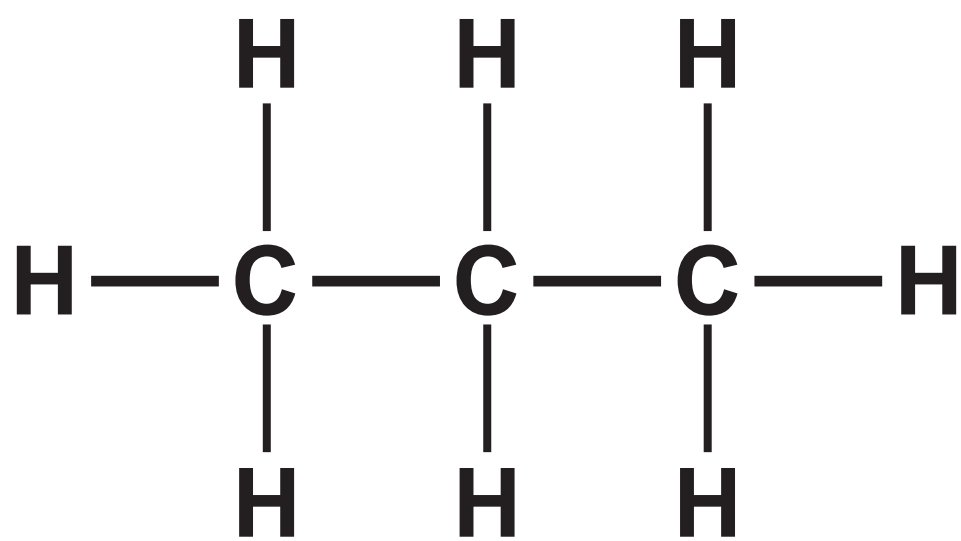
Question 4(b)(iv)

FIGURE 6

temperature of liquid at start in °C	18.6
temperature of products at end in °C	16.1

Question 5(a)

FIGURE 7



Question 5(b)

fraction**use****petrol**

- **fuel for aircraft**

- **fuel for ships**

kerosene

- **fuel for cars**

- **making plastic**

bitumen

- **extracting iron**

- **making road surfaces**

Question 5(b)

fraction**use****petrol**● **fuel for aircraft**● **fuel for ships****kerosene**● **fuel for cars**● **making plastic****bitumen**● **extracting iron**● **making road surfaces**

Question 6(b)

FIGURE 8

halogen	description of reaction with heated iron wool
bromine	reacts quickly
chlorine	reacts very quickly
iodine	reacts slowly

Question 6(c)

an acid

a catalyst

higher

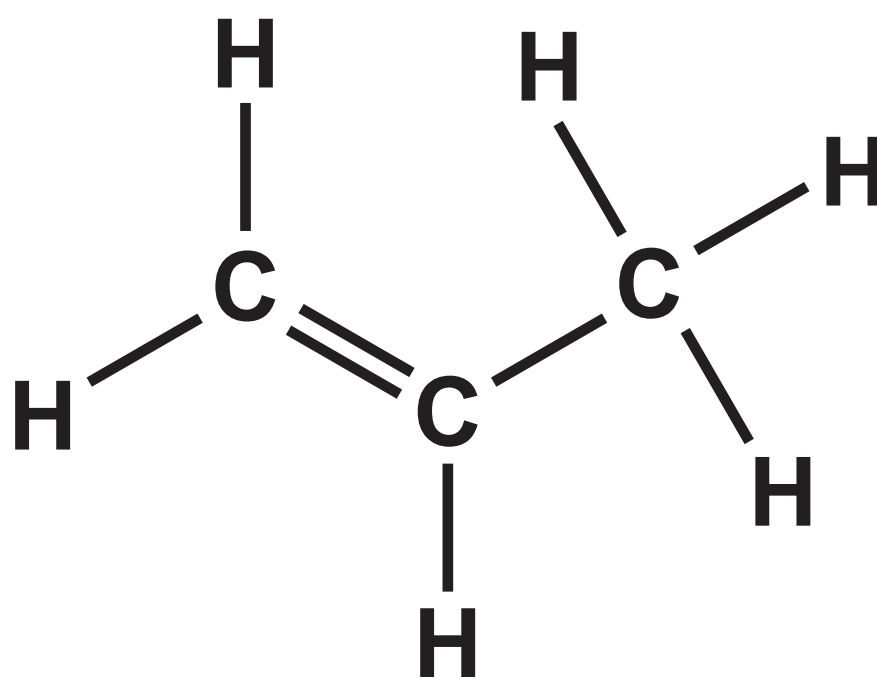
lower

a reactant

unchanged

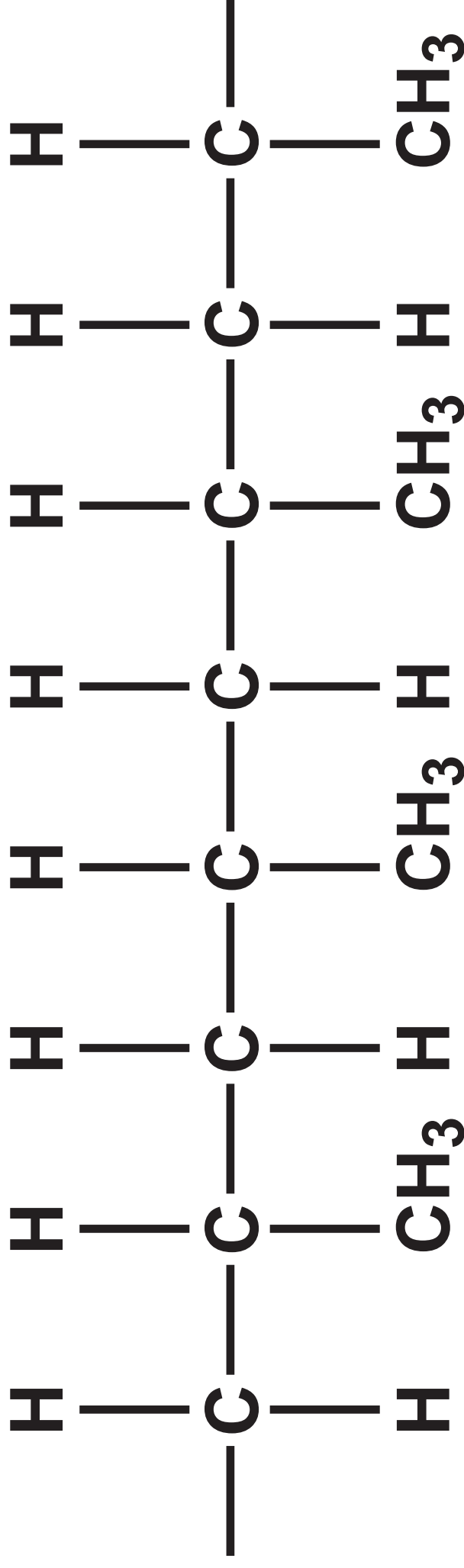
Question 7

FIGURE 9



Question 7(c)

FIGURE 10

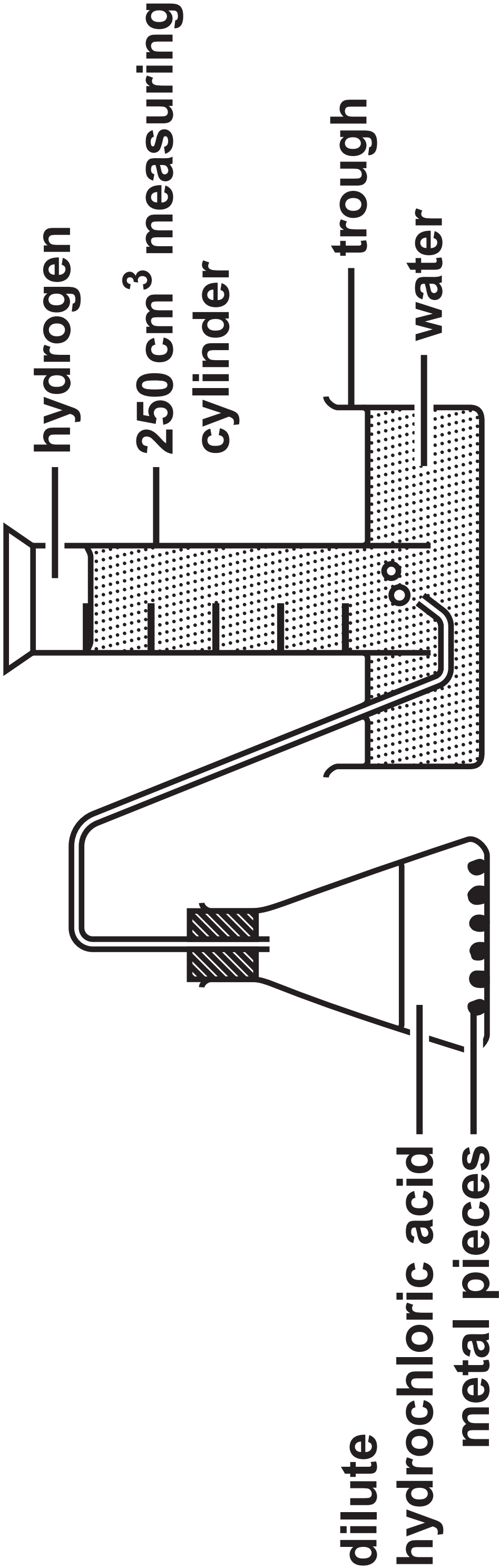


Question 7(d)

FIGURE 11

alkane	temperature change in °C
methane	9
ethane	16
propane	22
butane	29

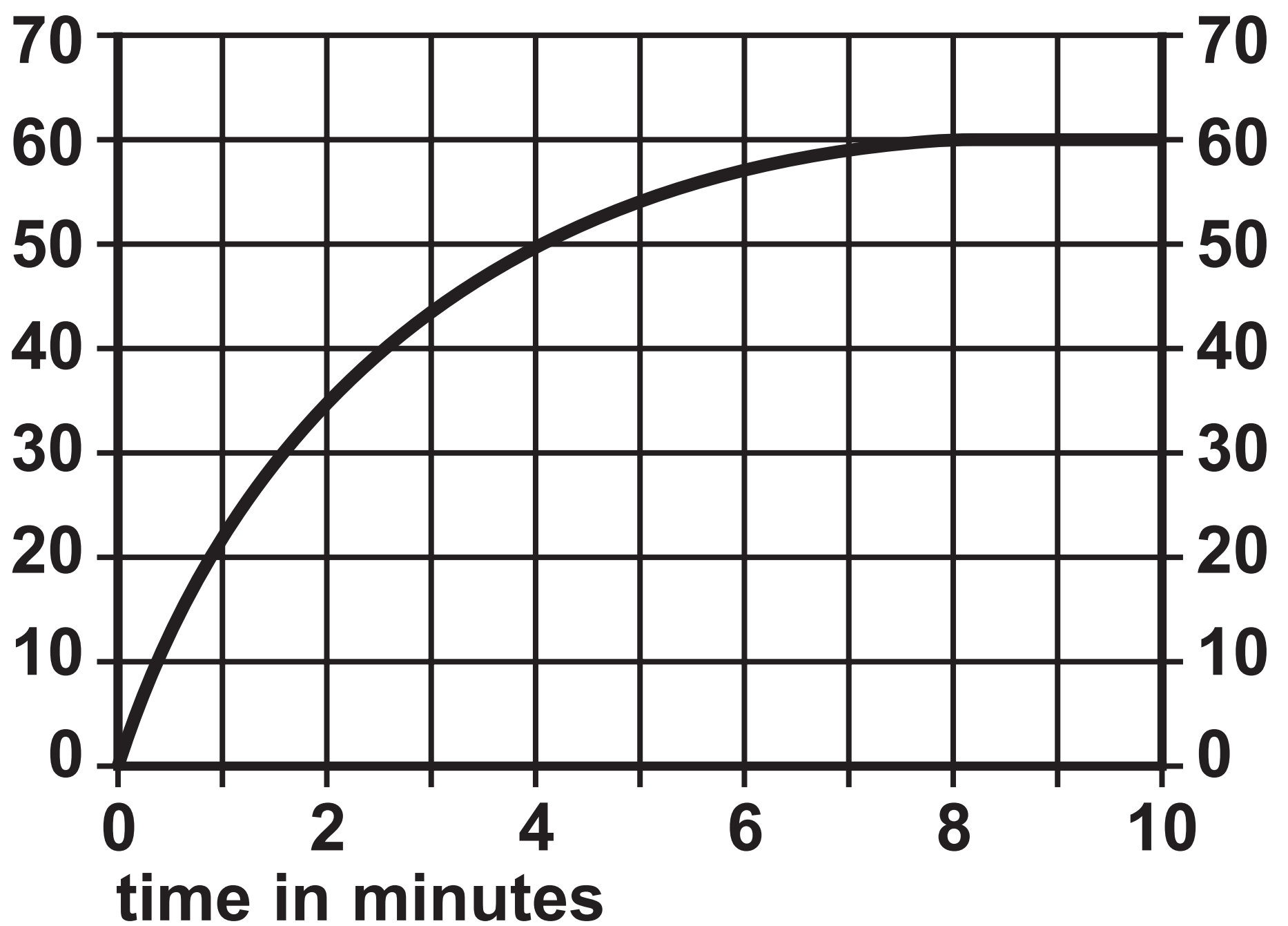
FIGURE 12



Question 8(a)

FIGURE 13

volume of
hydrogen in cm^3



Question 9(d)

FIGURE 14

Key

⊖ = electron

● = neutron

⊕ = proton

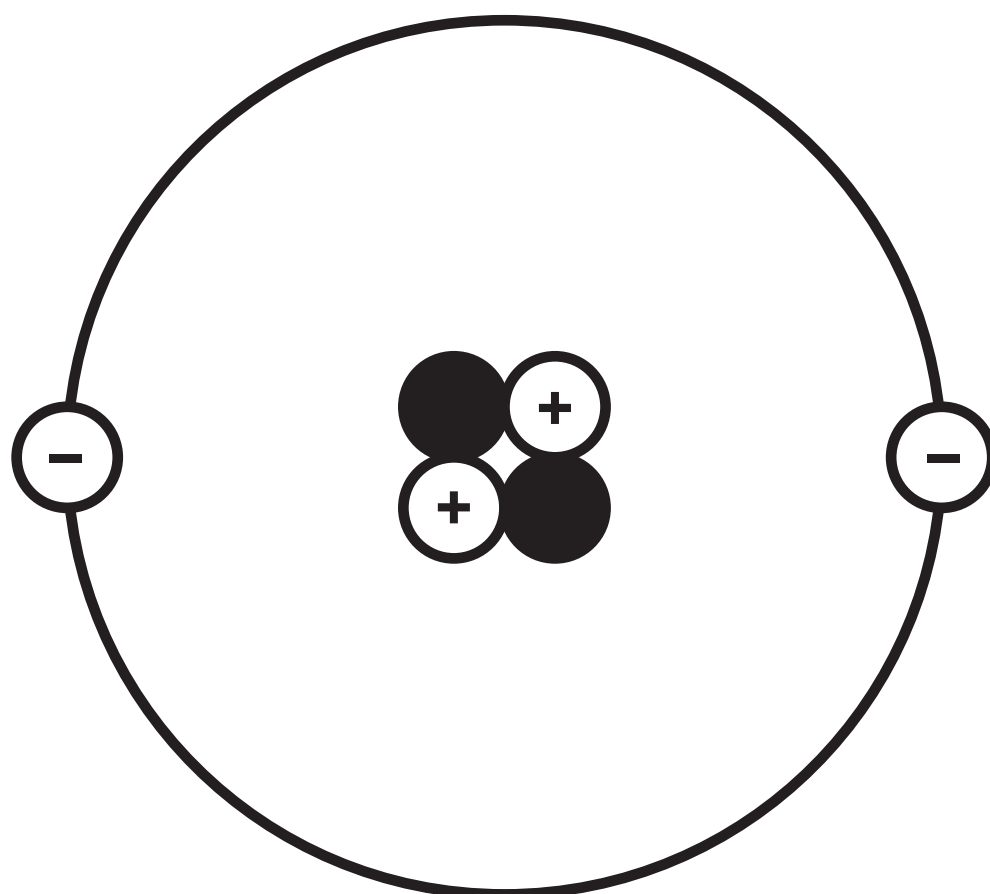
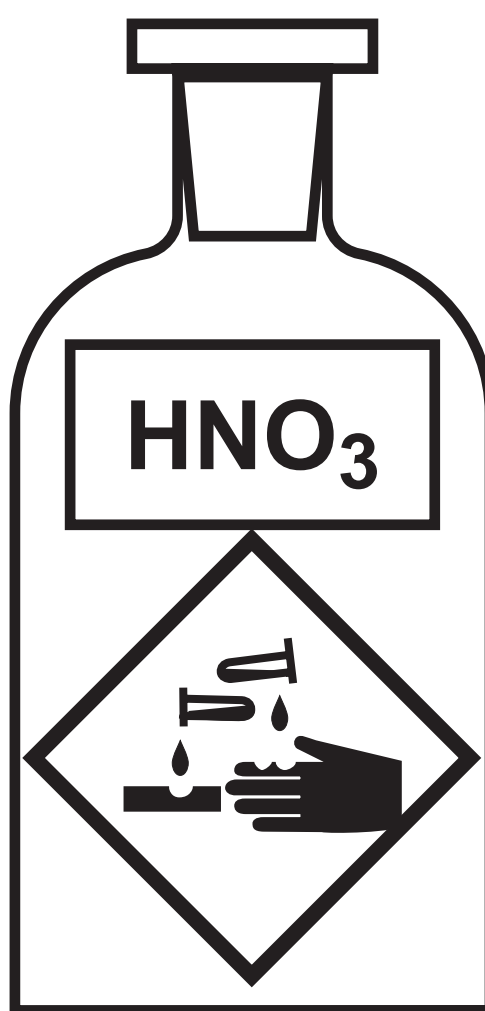


FIGURE 15

gas	relative amount in early atmosphere	composition of today's atmosphere
water vapour	large amount	0 % to 4 %
carbon dioxide	large amount	less than 0-5 %
oxygen	little or none	21 %

Question 10(a)

FIGURE 16



Question 10(b)(ii)**FIGURE 17**

compound	flame colour
P	red
Q	lilac
R	blue-green