

Paper Reference(s) 4CH1/1CR 4SD0/1CR1
Pearson Edexcel International GCSE (9–1)

Chemistry
UNIT: 4CH1
Science (Double Award) 4SD0
PAPER: 1CR

Monday 22 May 2023 – Morning

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.**

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Turn over

Spare Copies

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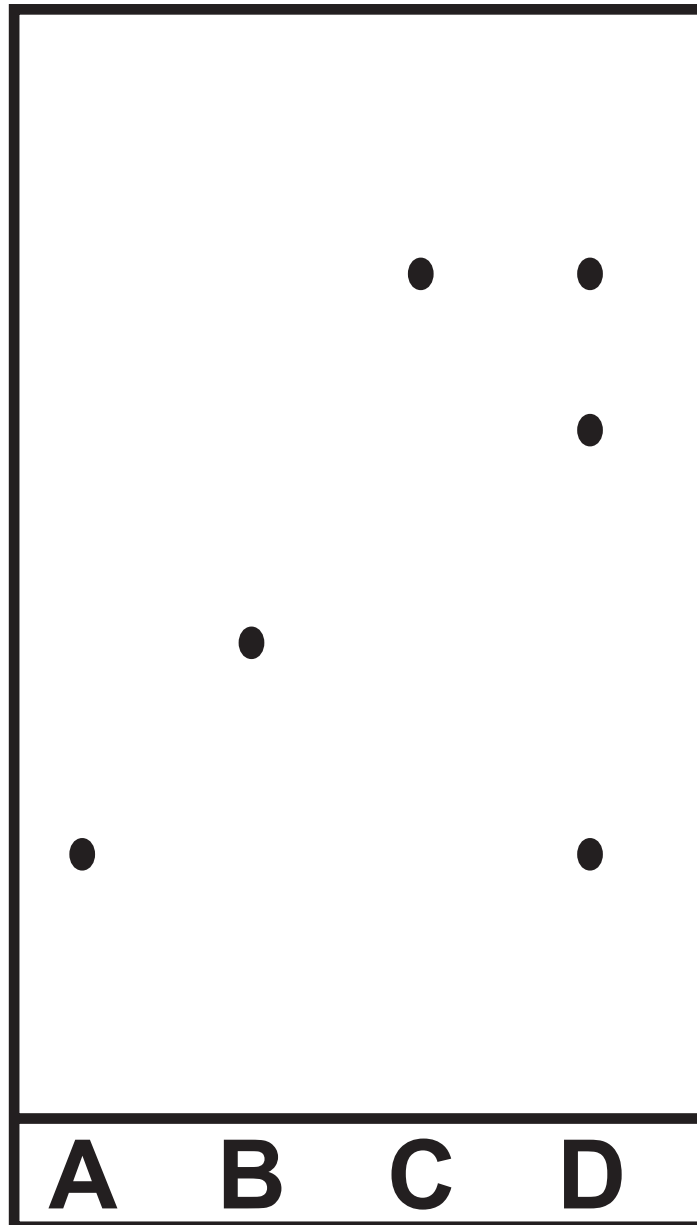
Question 1(a)(i)



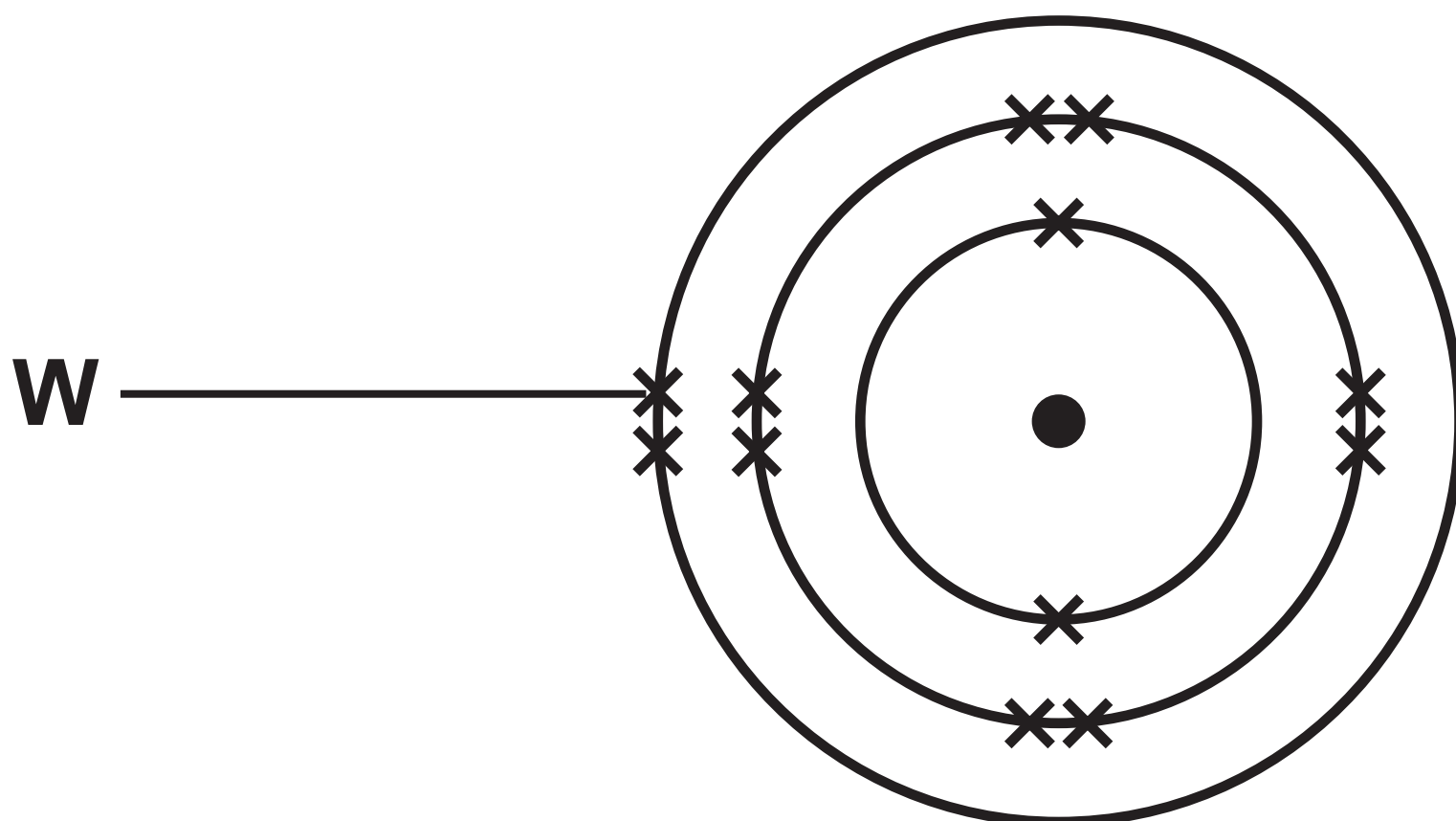
Question 2(a)

Substance	Mixture	Technique
solid sodium chloride	aqueous sodium chloride	
water	aqueous copper(II) sulfate	
sand	sand and water	

Question 2(c)



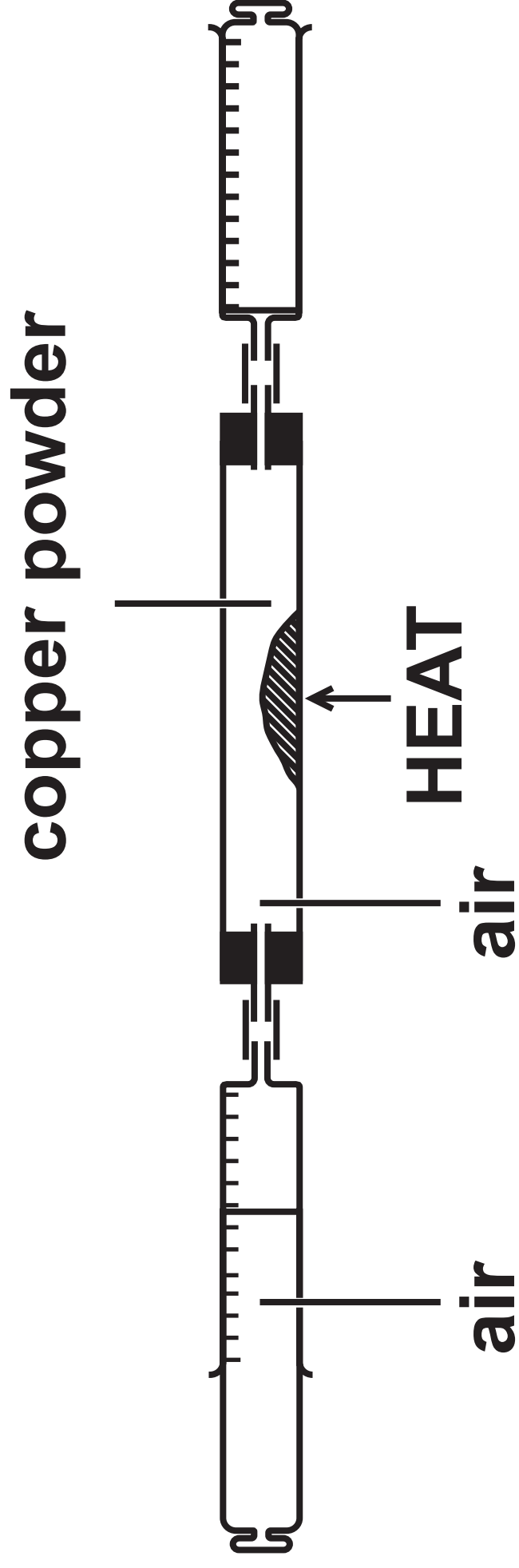
Question 3(a)



Question 4(a)

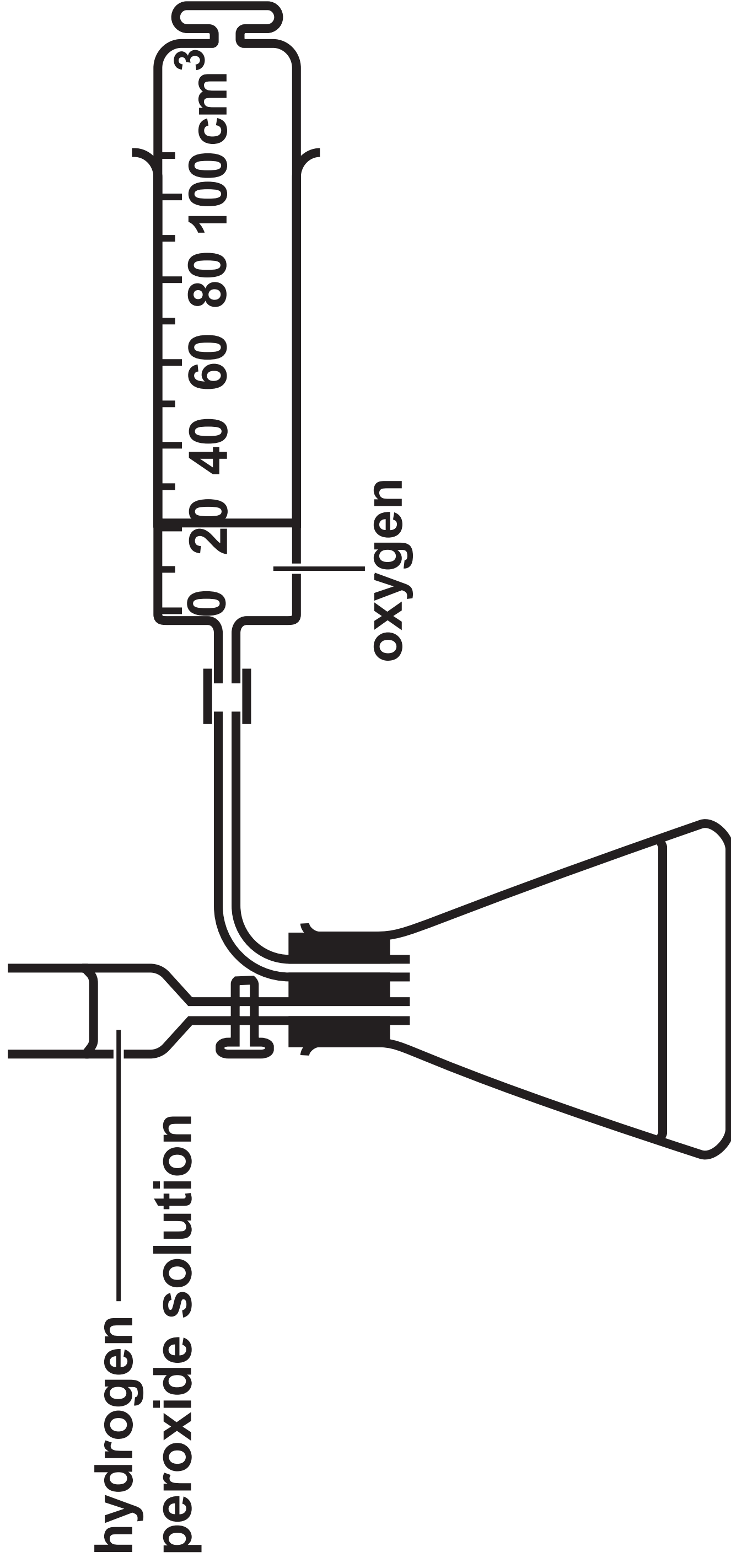
Information	Gas
the most abundant gas in air	
a toxic gas that is a product of incomplete combustion of hydrocarbons	
an unreactive gas that exists as atoms	
a gas produced by the fractional distillation of crude oil	

Question 4(b)

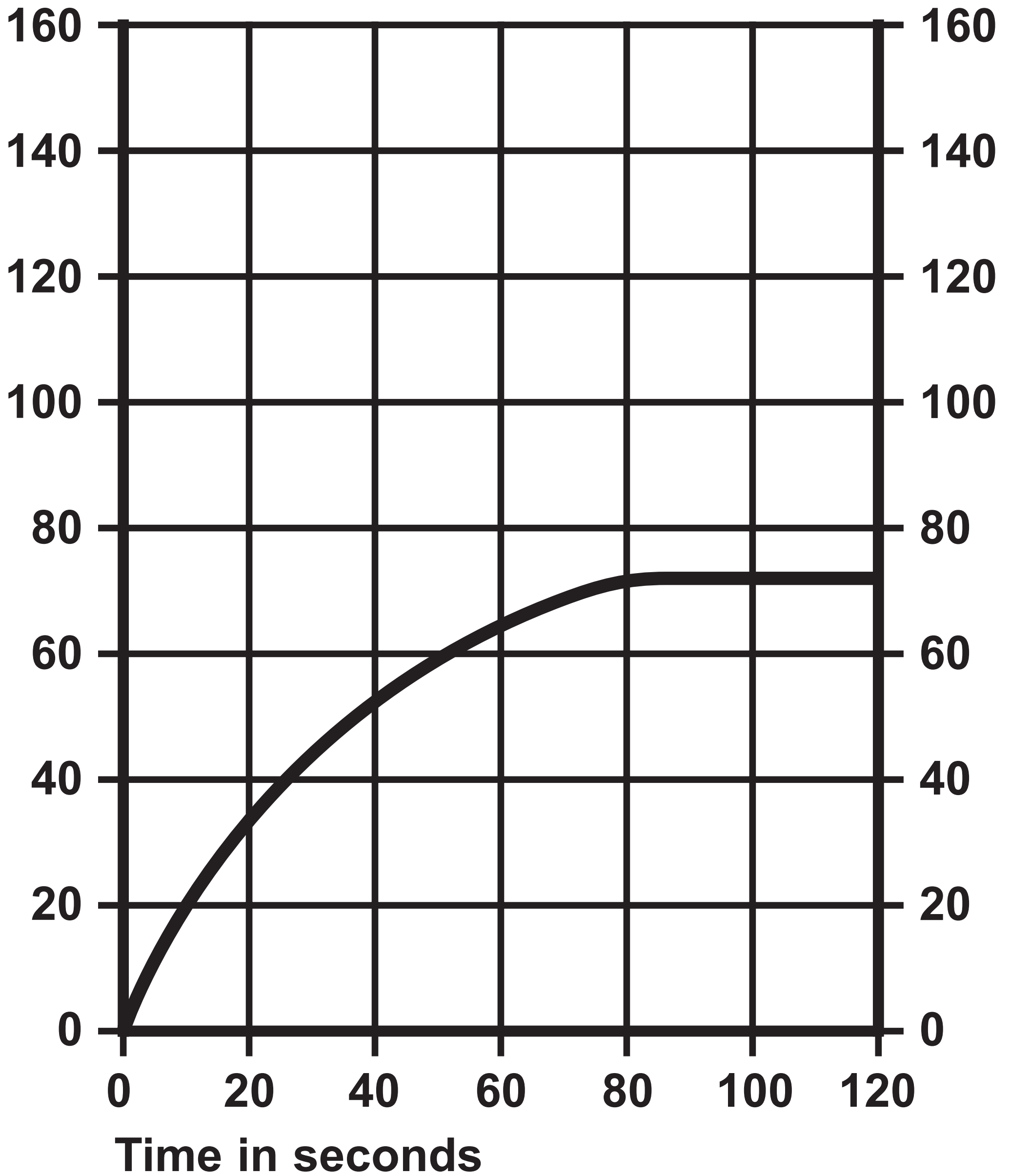


Question 6

11

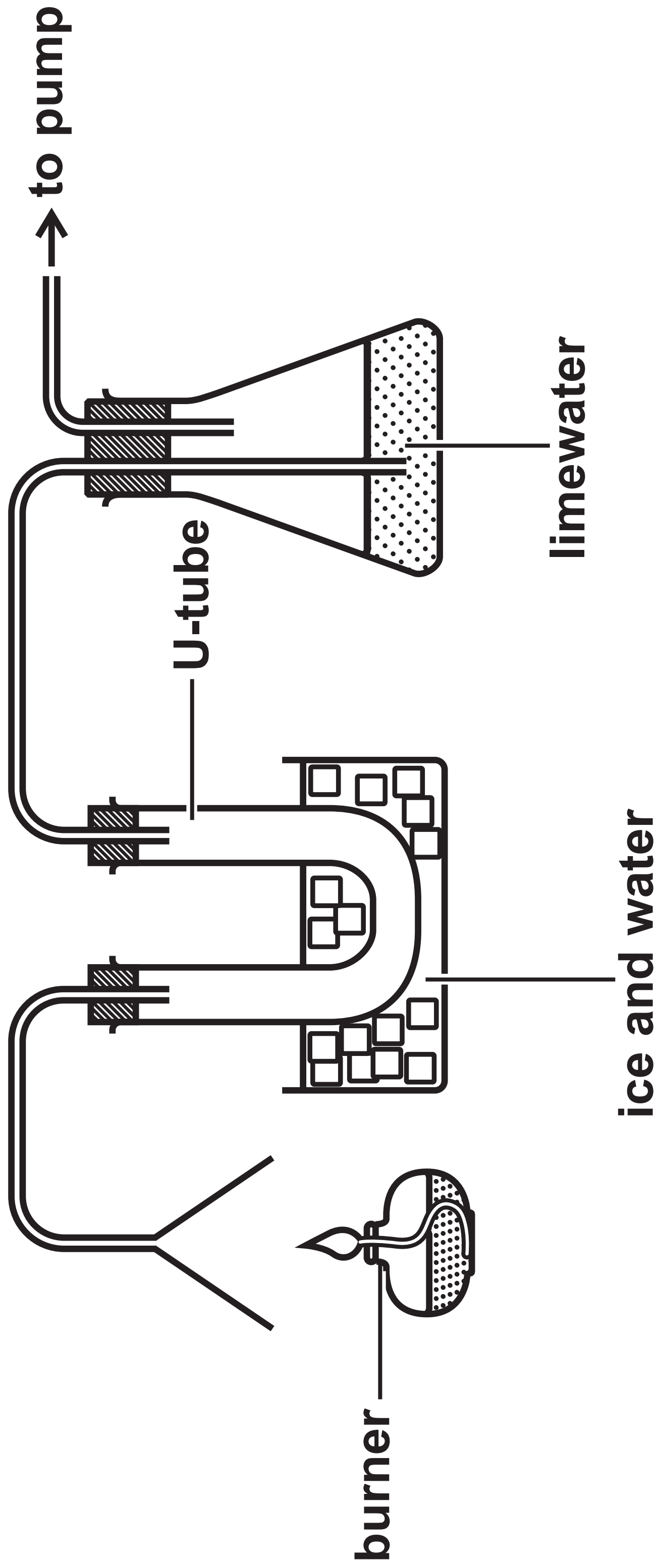


Question 6(d)

Volume of oxygen in cm^3 

Question 7

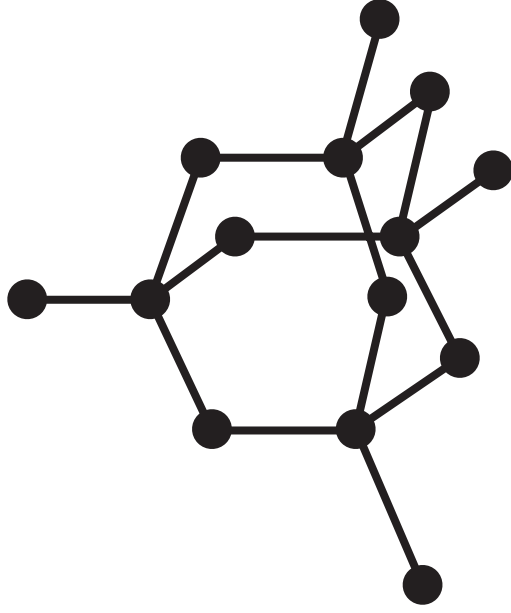
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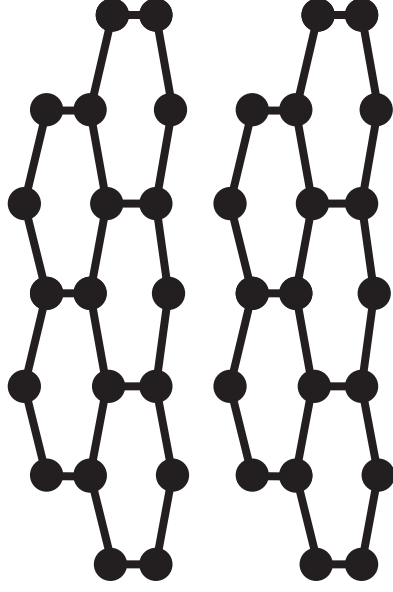
Question 8

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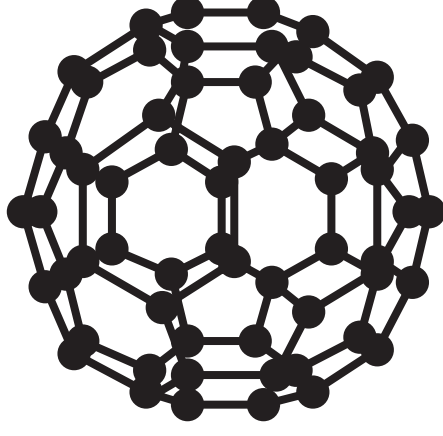
diamond



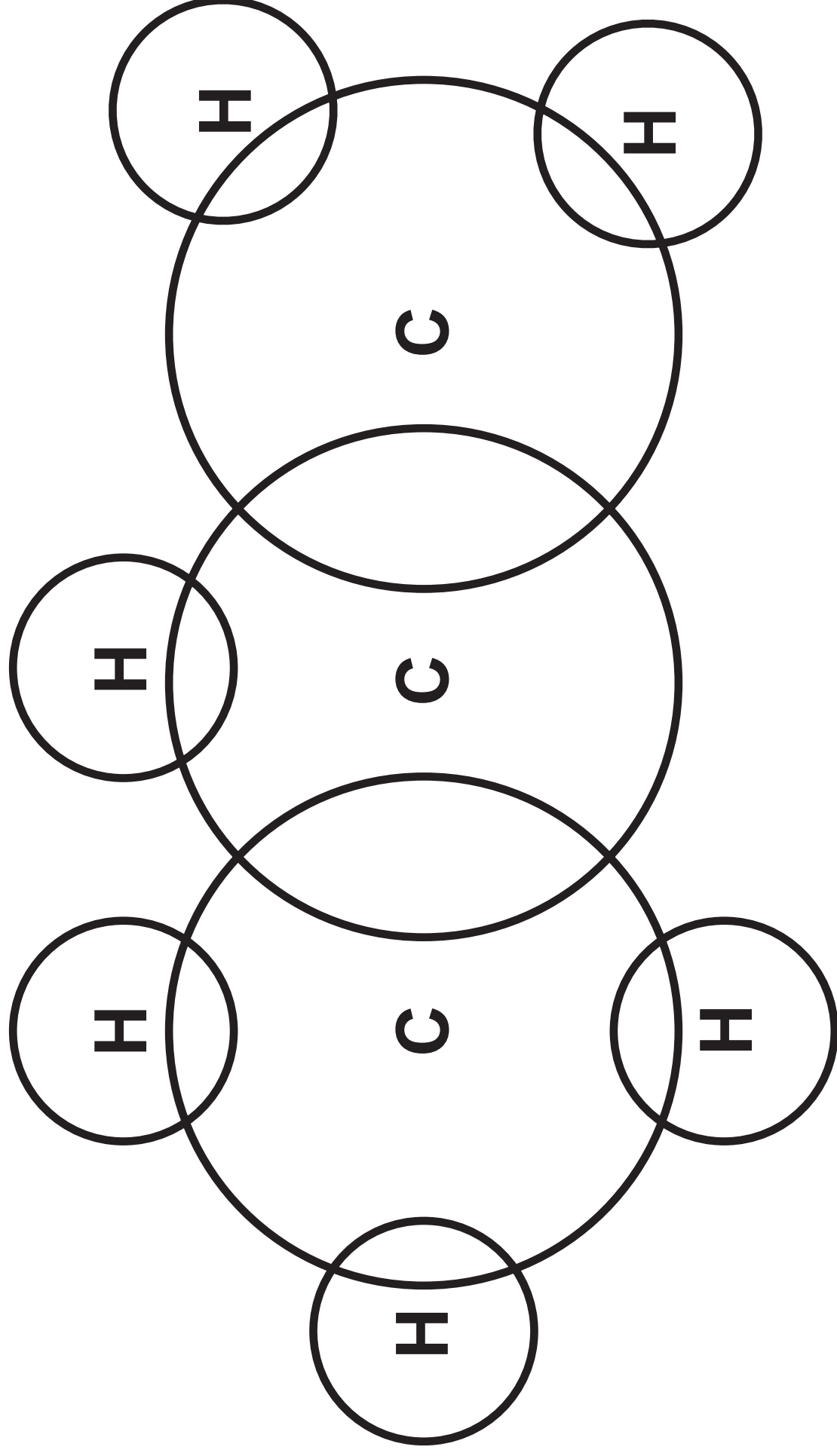
graphite



C_{60} fullerene

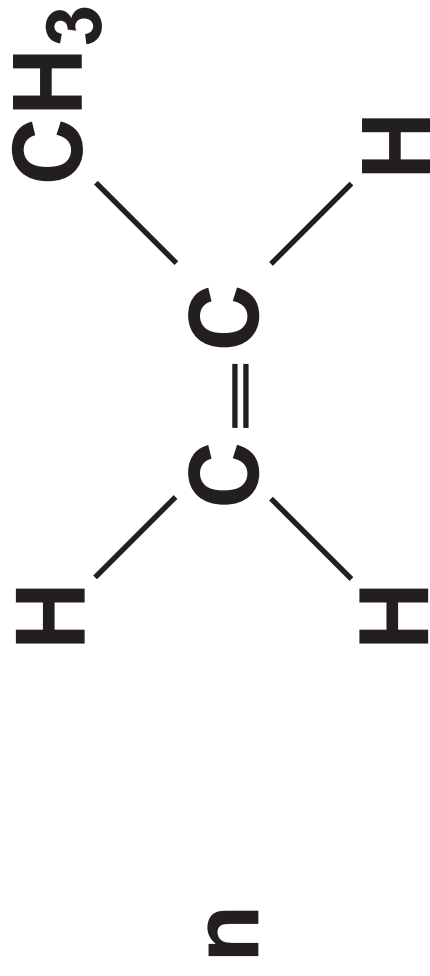


Question 10(a)(i)

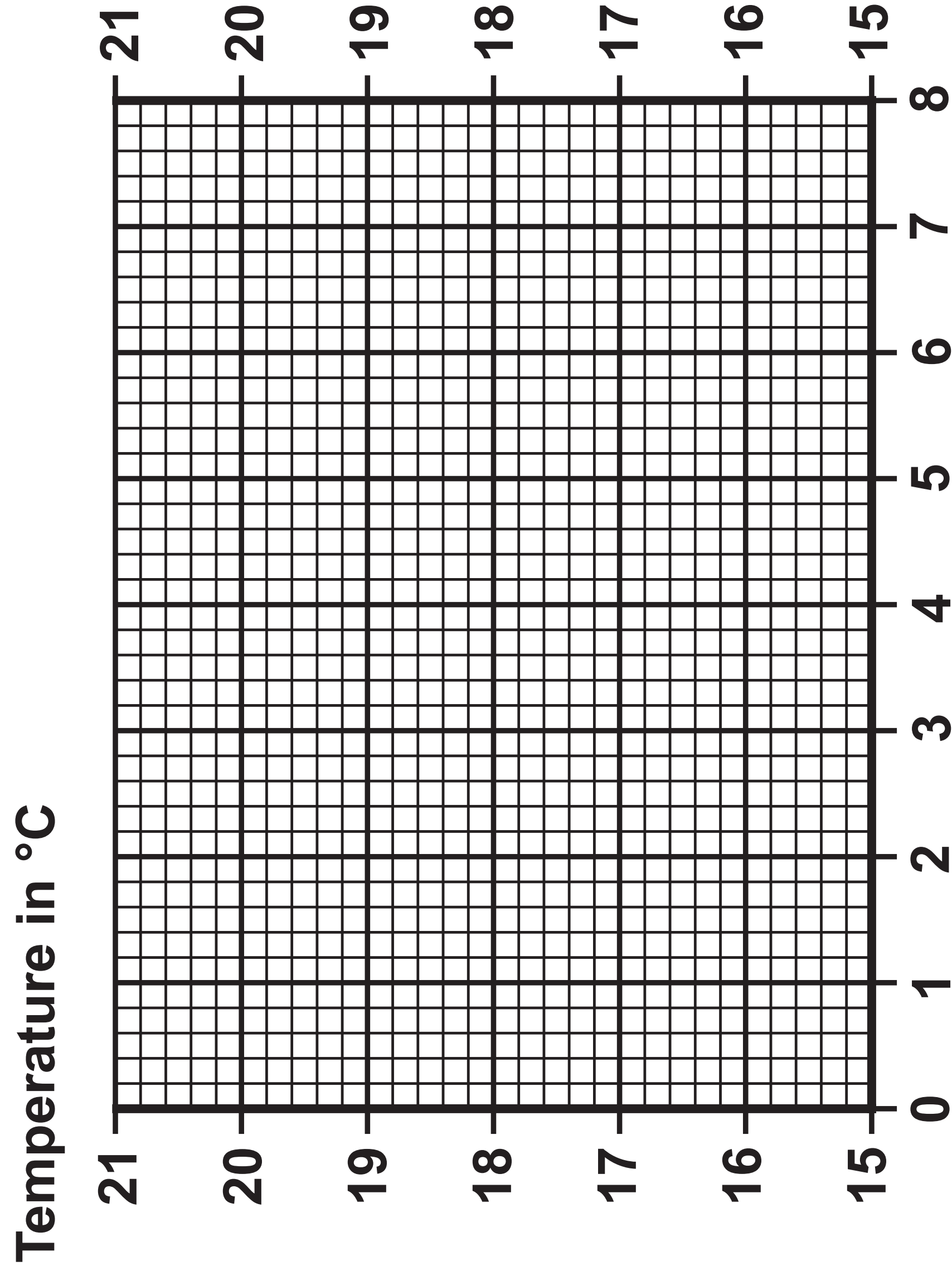


Question 10(c)(i)

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Question 11(a)



Question 1(a)(i)



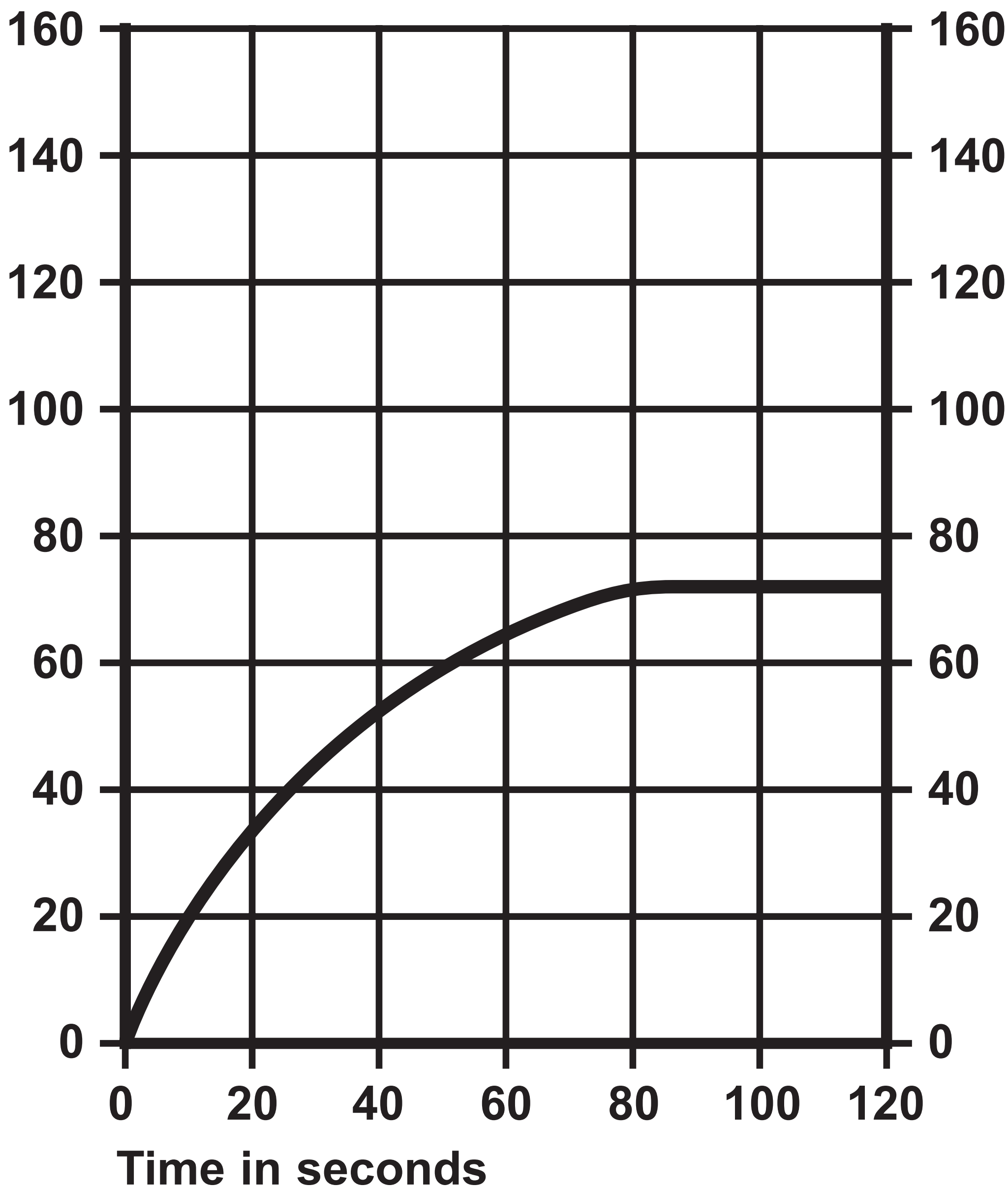
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solid sodium chloride	aqueous sodium chloride	
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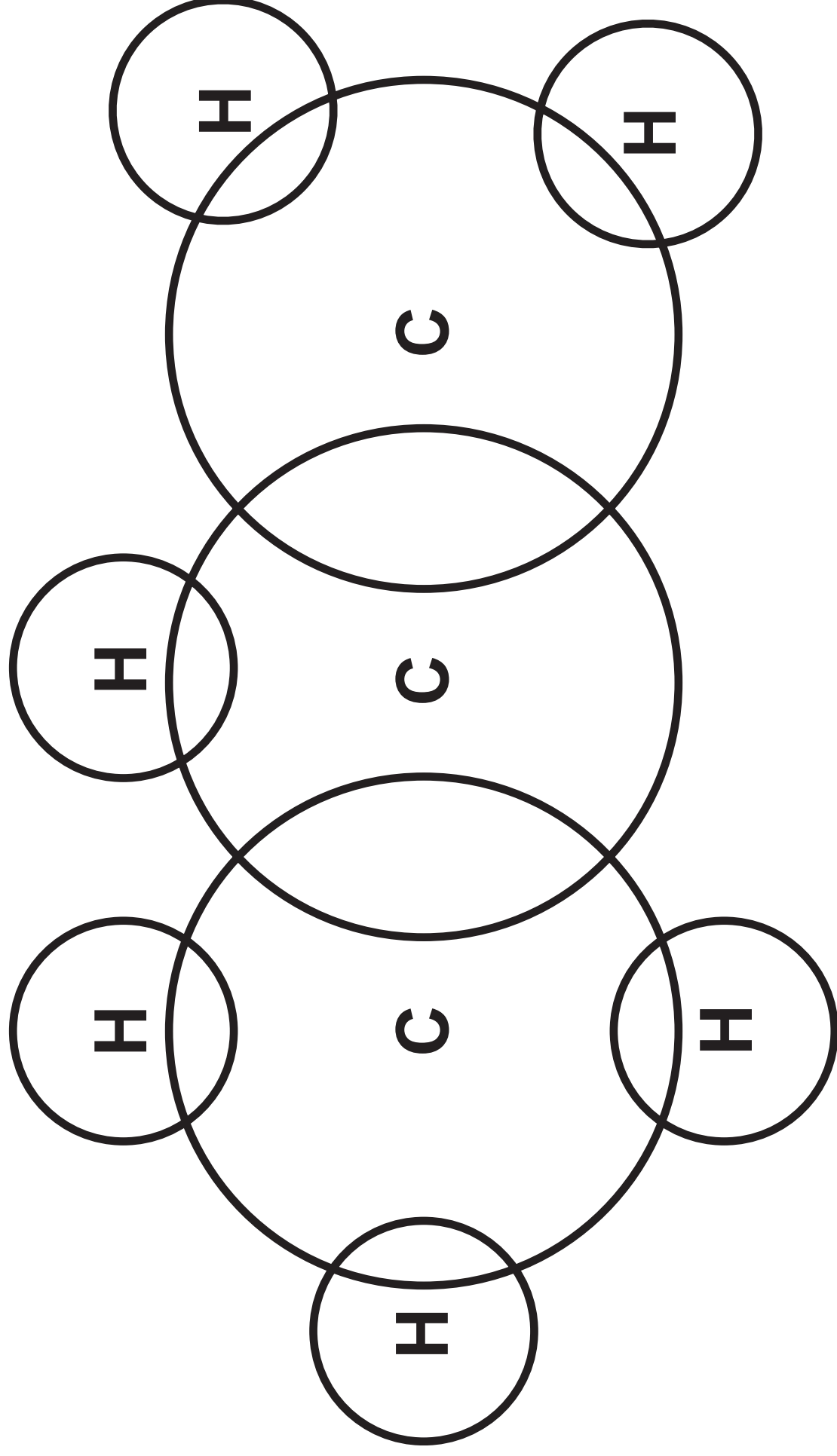
Question 4(a)

Information	Gas
the most abundant gas in air	
a toxic gas that is a product of incomplete combustion of hydrocarbons	
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a gas produced by the fractional distillation of crude oil	

Question 6(d)

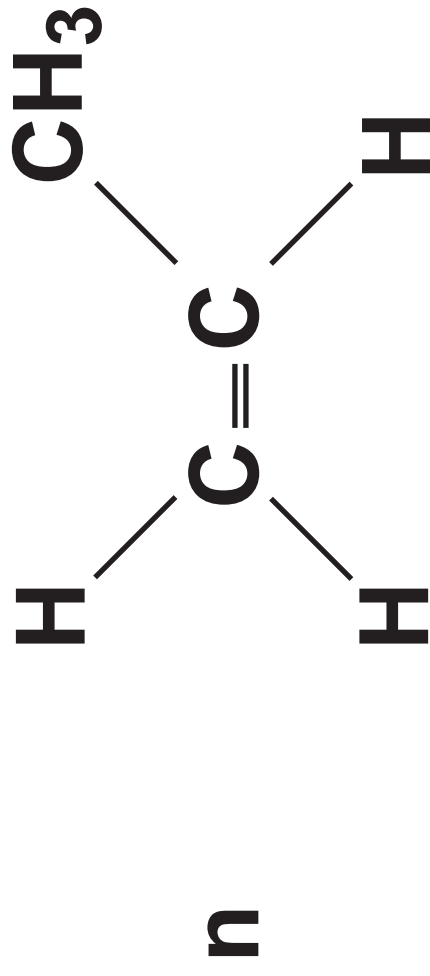
Volume of oxygen in cm^3 

Question 10(a)(i)



Question 10(c)(i)

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Question 11(a)

