

Paper Reference(s) 4CH1/1CR 4SD0/1CR  
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.**

## **Contents**

### **Page**

<b>4</b>	<b>Question 1(a)(i)</b>
<b>5</b>	<b>Question 2(a)</b>
<b>6</b>	<b>Question 2(c)</b>
<b>7</b>	<b>Question 3(a)</b>
<b>8</b>	<b>Question 4(a)</b>
<b>9</b>	<b>Question 4(b)</b>
<b>10</b>	<b>Question 6</b>
<b>11</b>	<b>Question 6(d)</b>
<b>12</b>	<b>Question 7</b>
<b>13</b>	<b>Question 8</b>
<b>14</b>	<b>Question 10(a)(i)</b>
<b>15</b>	<b>Question 10(c)(i)</b>
<b>16</b>	<b>Question 11(a)</b>

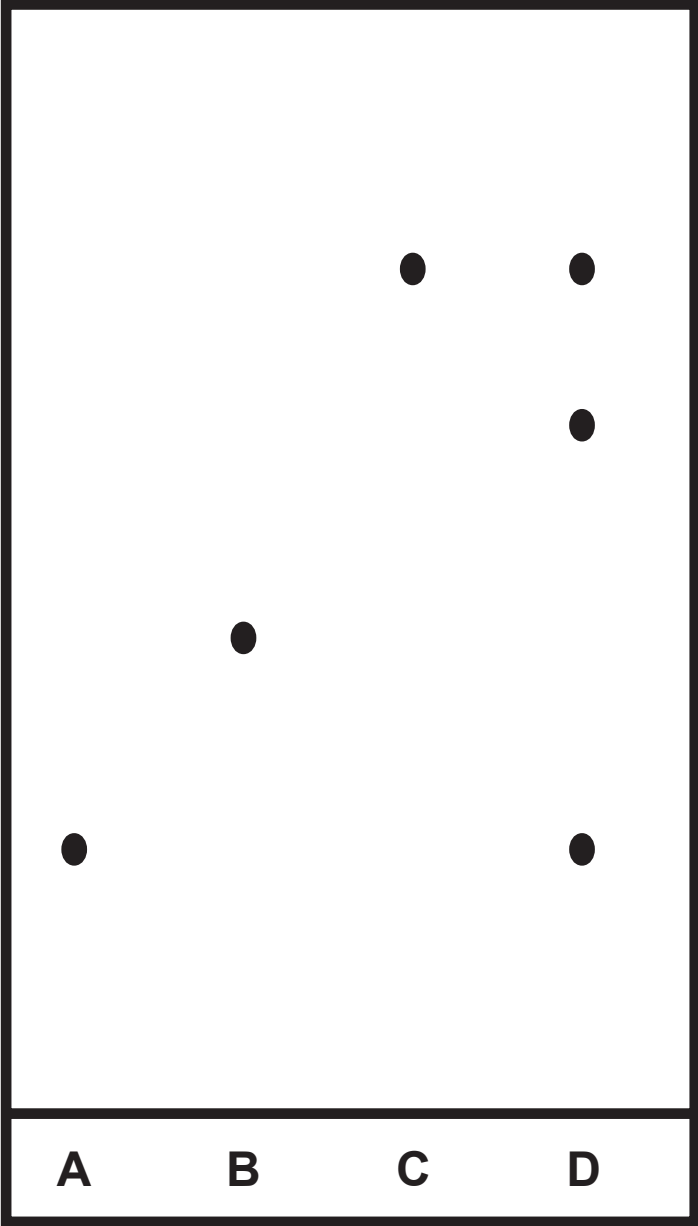
### **Spare Copies**

<b>17</b>	<b>Question 1(a)(i)</b>
<b>18</b>	<b>Question 2(a)</b>
<b>19</b>	<b>Question 4(a)</b>
<b>20</b>	<b>Question 6(d)</b>
<b>21</b>	<b>Question 10(a)(i)</b>
<b>22</b>	<b>Question 10(c)(i)</b>
<b>23</b>	<b>Question 11(a)</b>

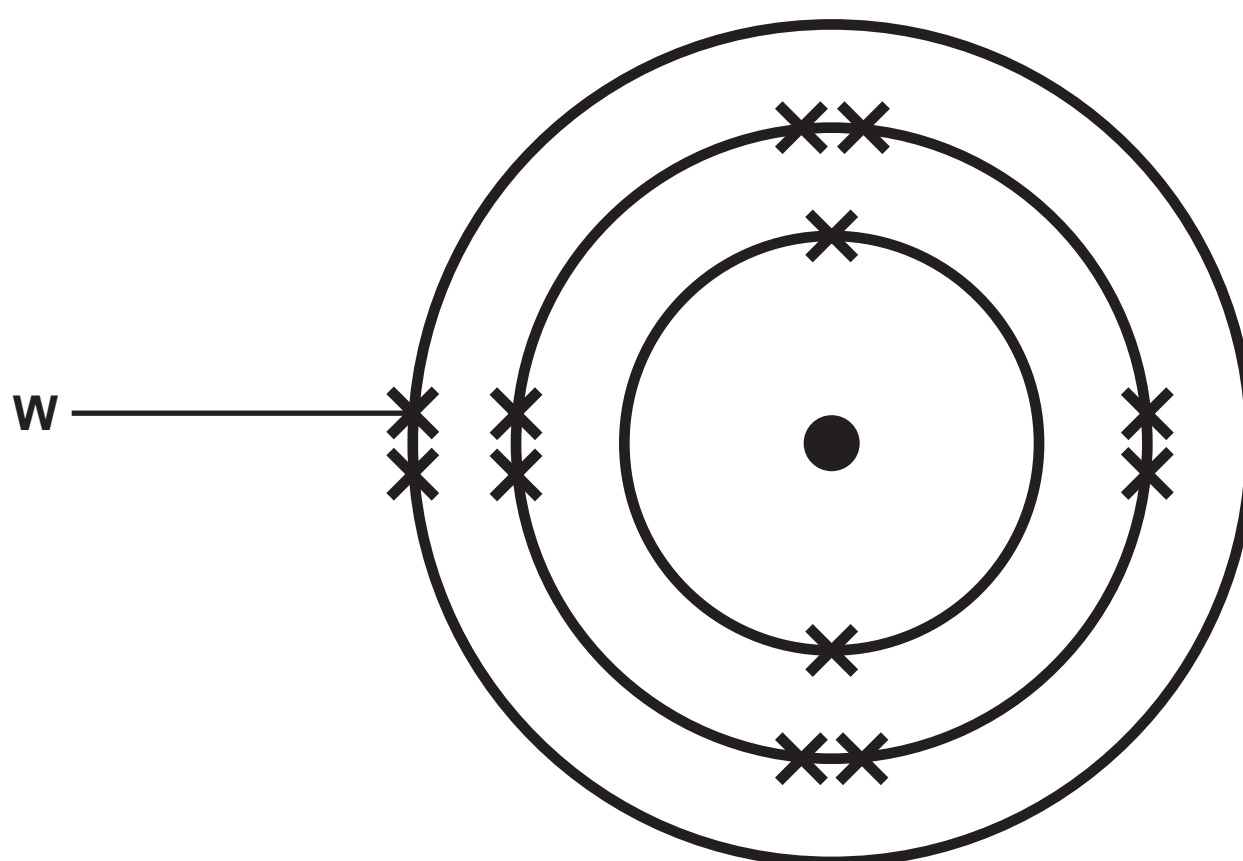
**Question 1(a)(i)**

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

Question 2(c)



## Question 3(a)

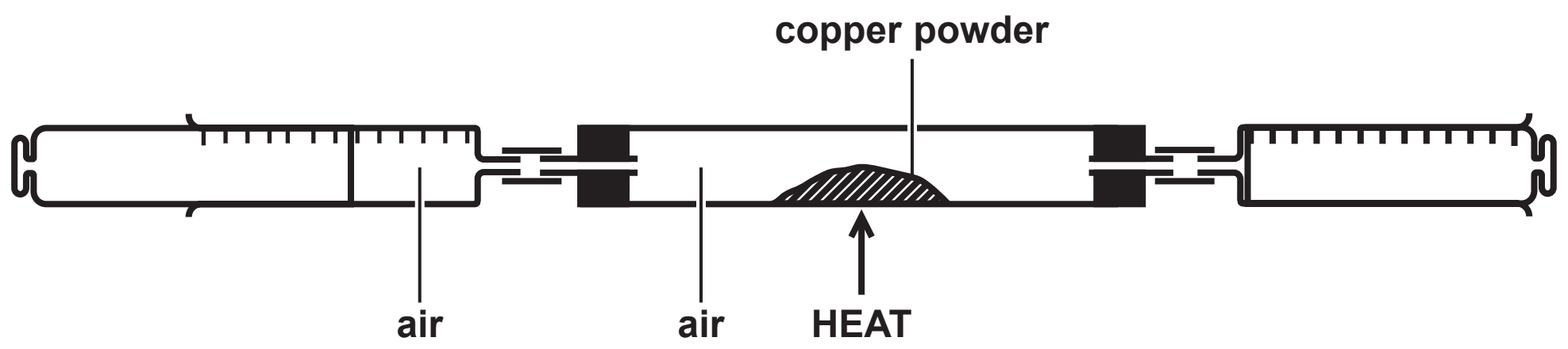


Question 4(a)

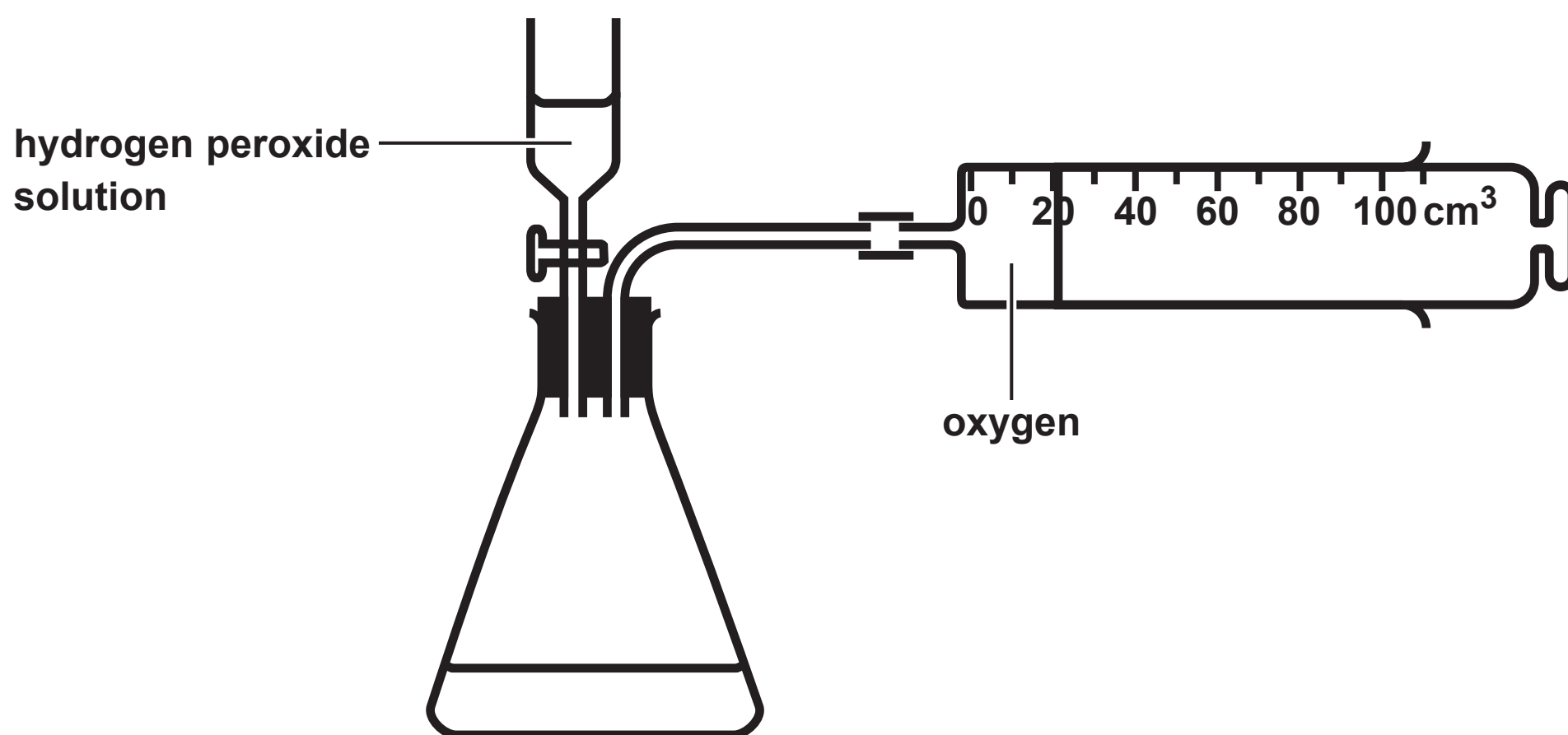
Information	Gas
the most abundant gas in air	
a toxic gas that is a product of incomplete combustion of hydrocarbons	
an unreactive gas that exists as atoms	
a gas produced by the fractional distillation of crude oil	



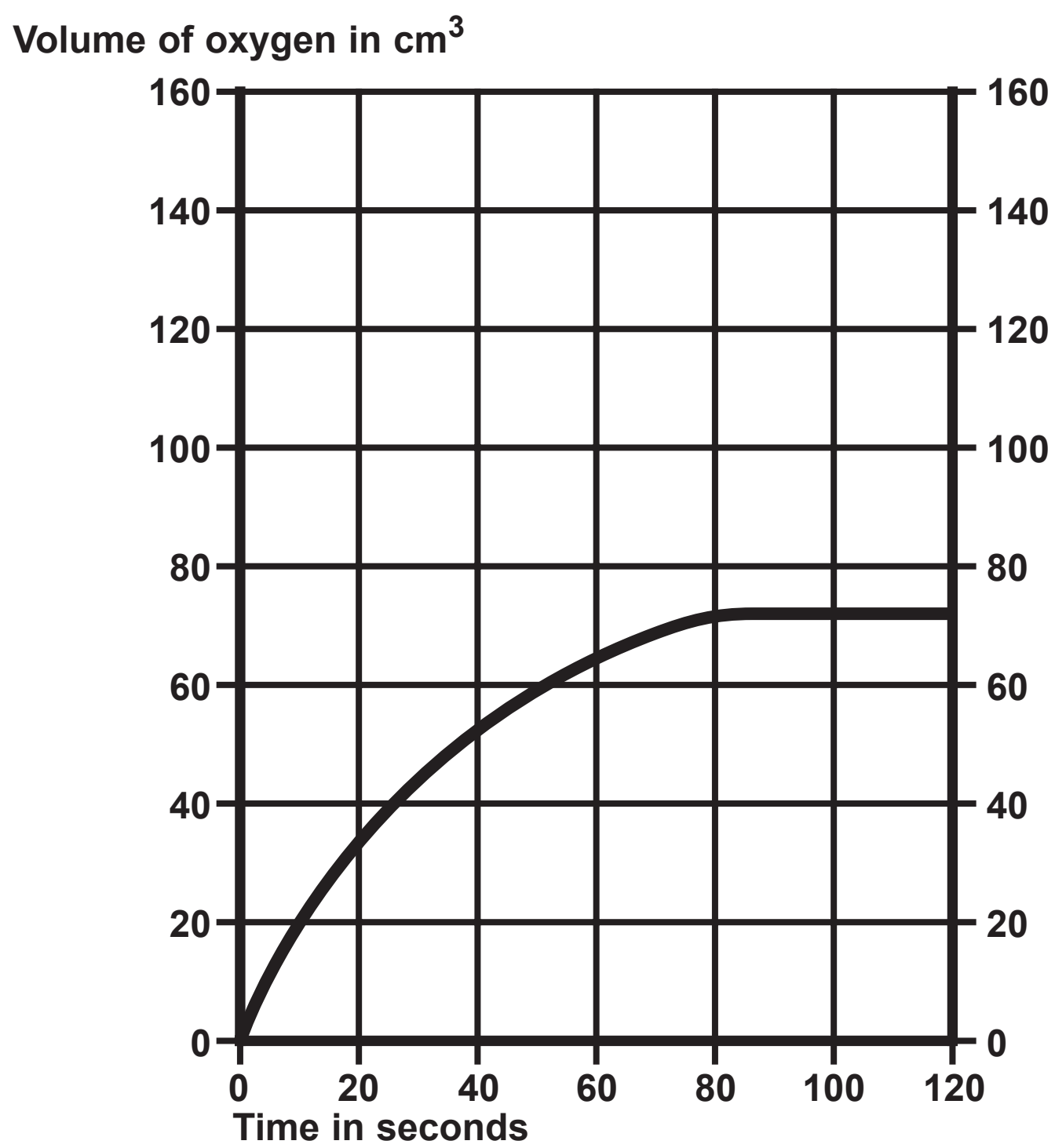
## Question 4(b)

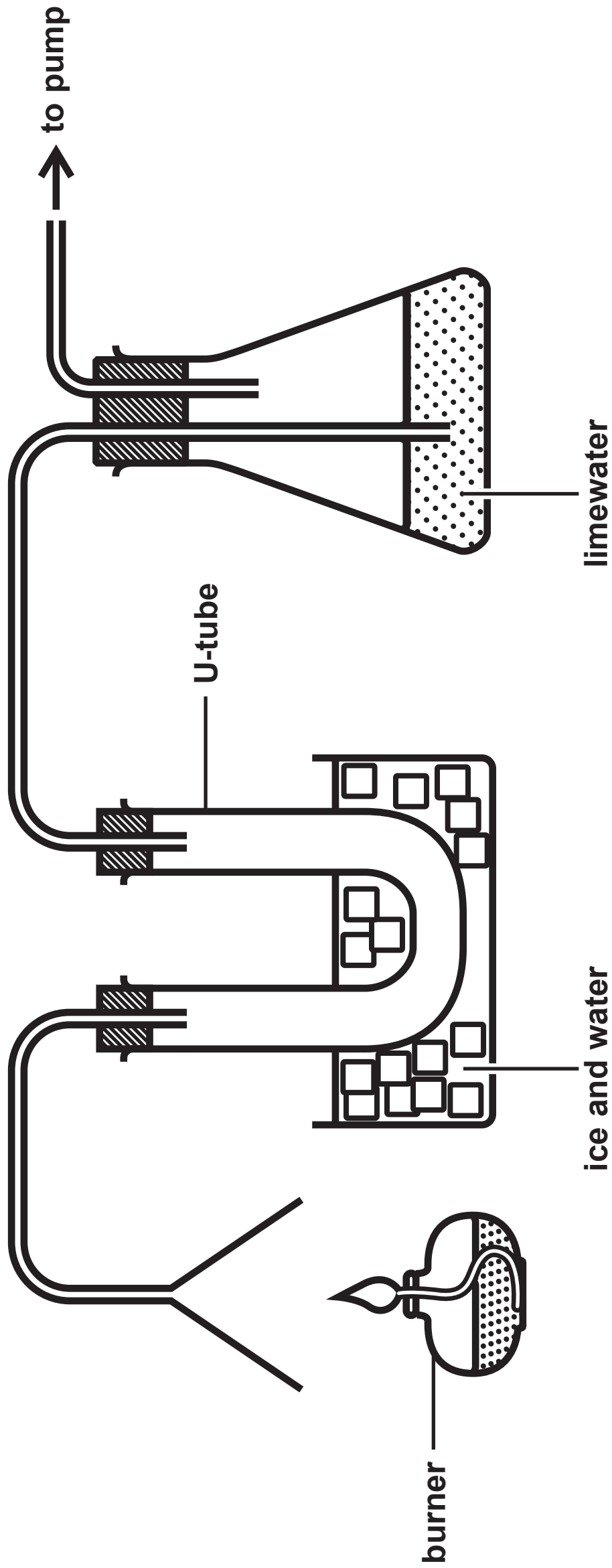


## Question 6

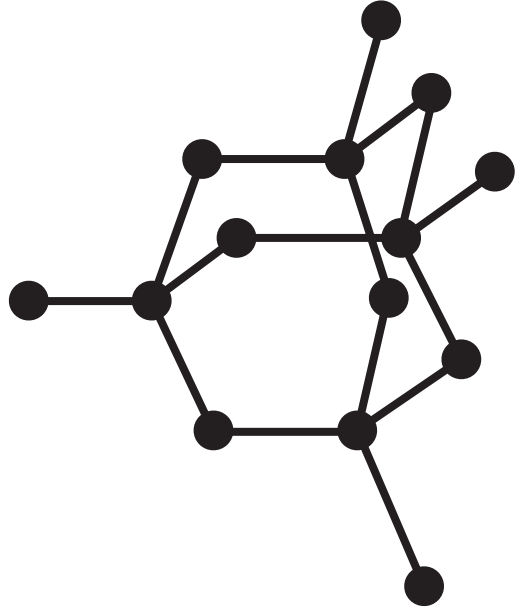


## Question 6(d)

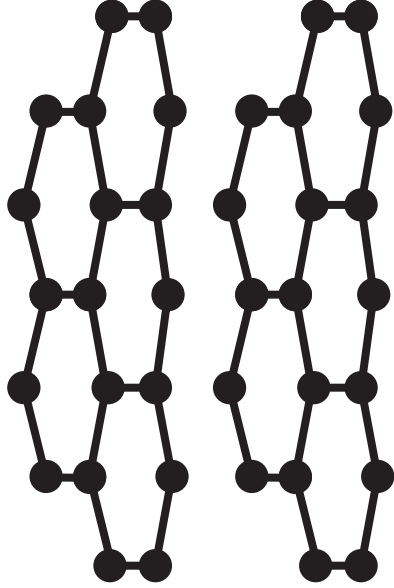




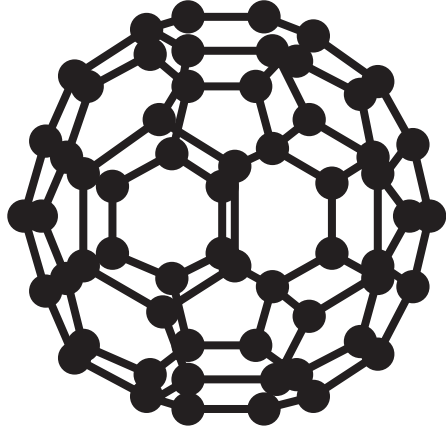
diamond

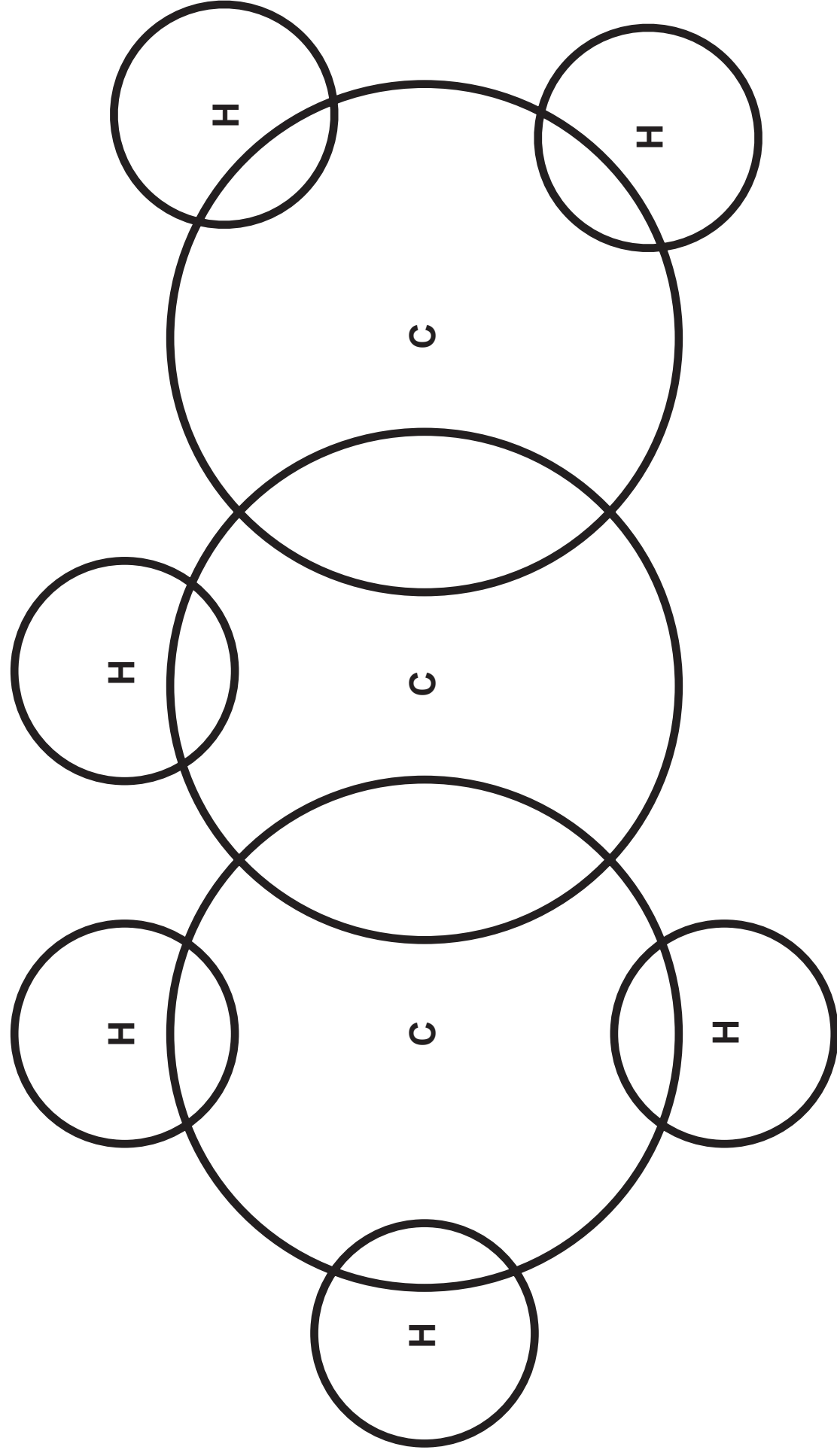


graphite

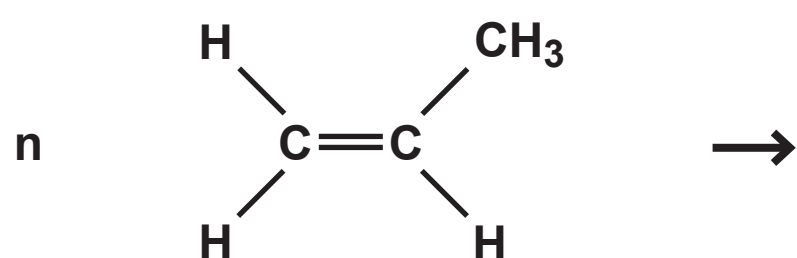


C<sub>60</sub> fullerene

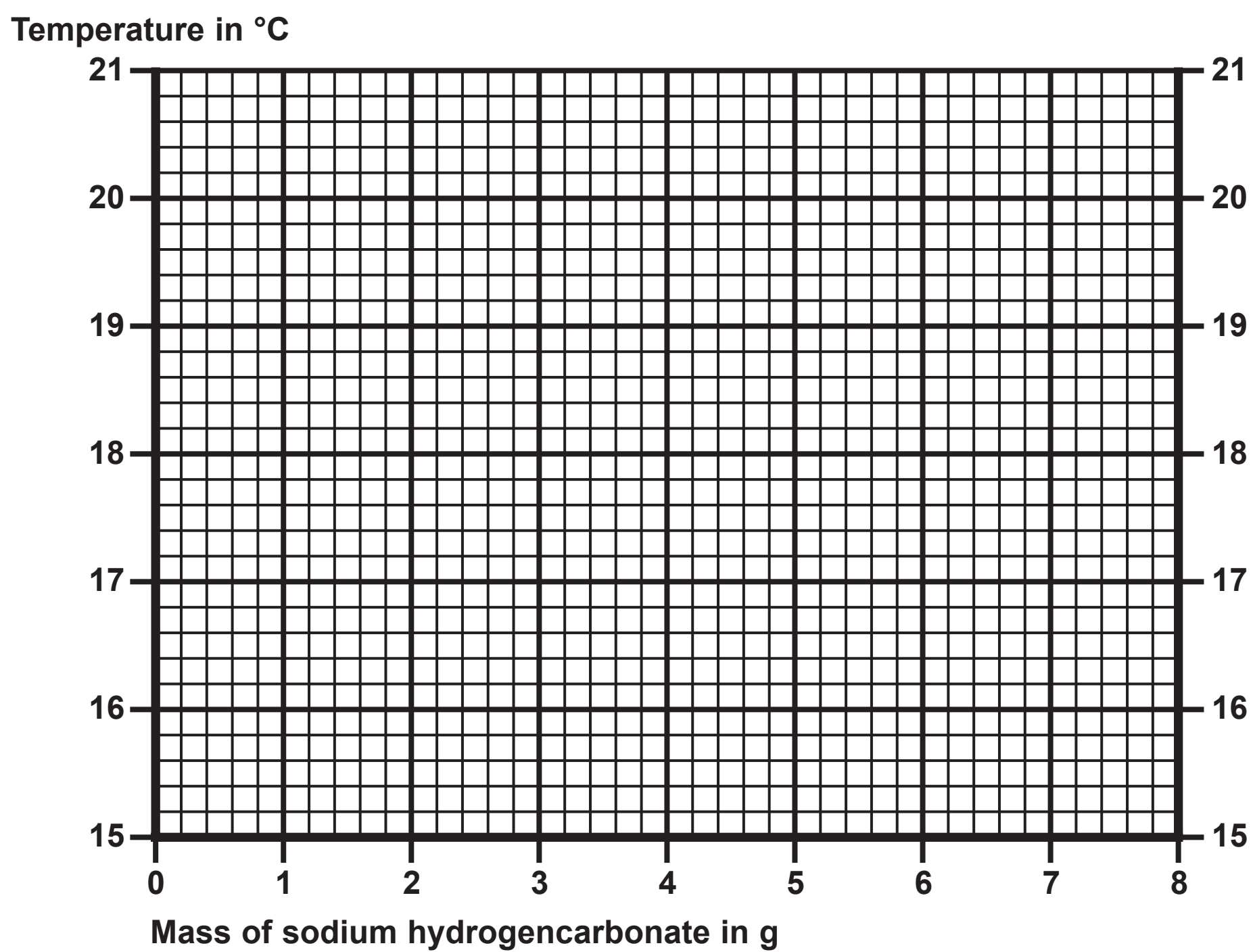




## Question 10(c)(i)



## Question 11(a)





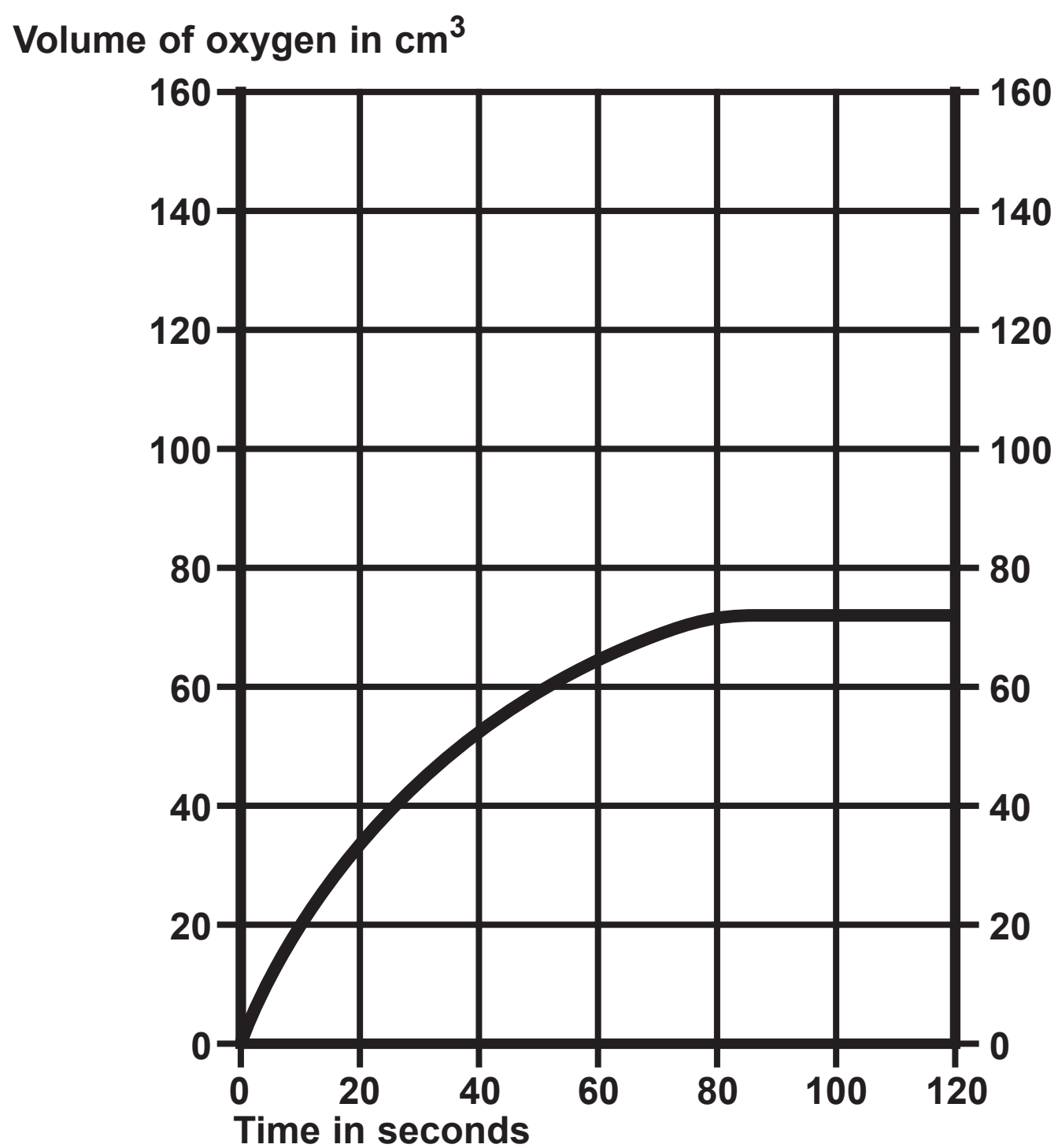
**Question 1(a)(i)**

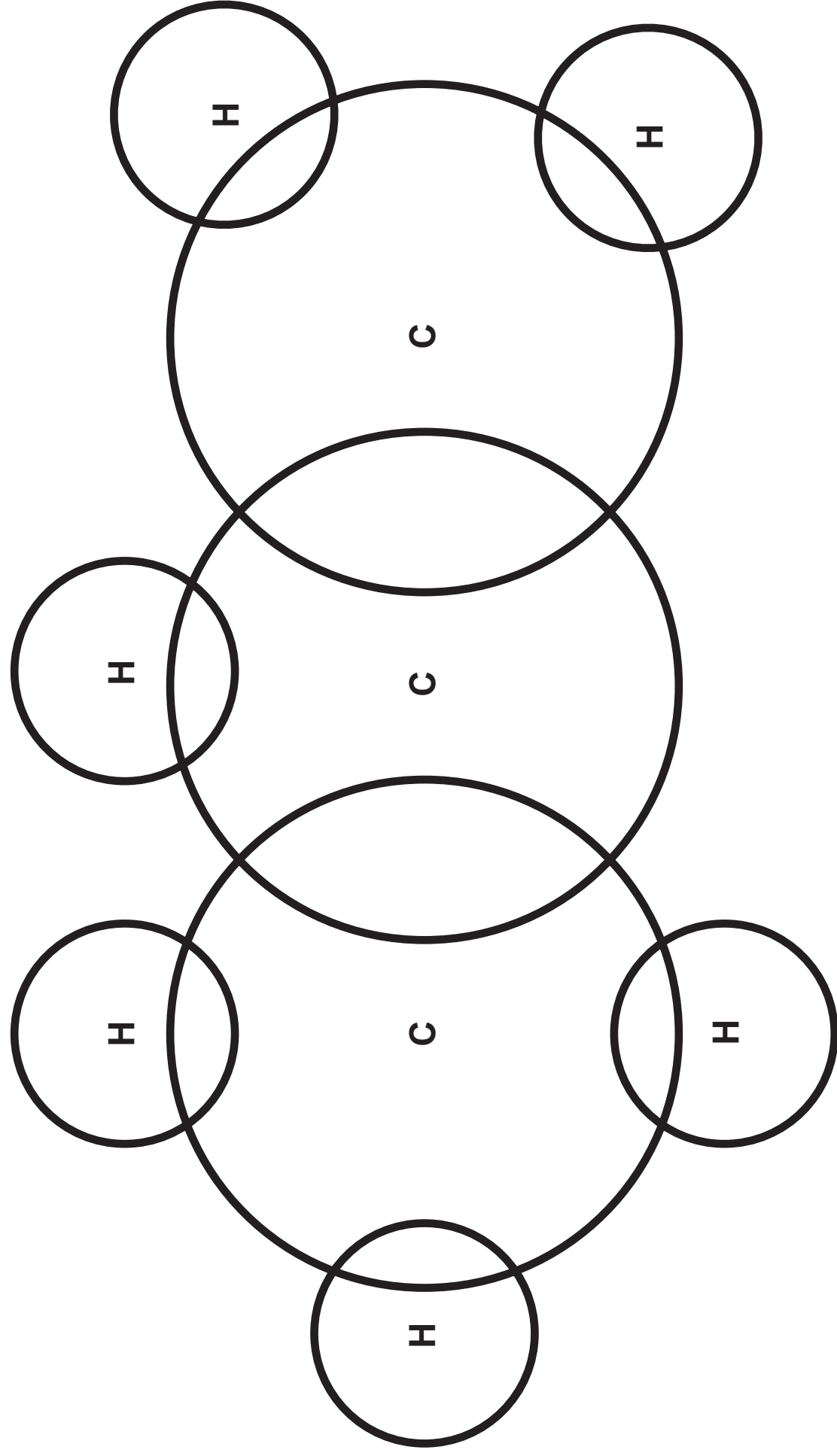
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Question 4(a)

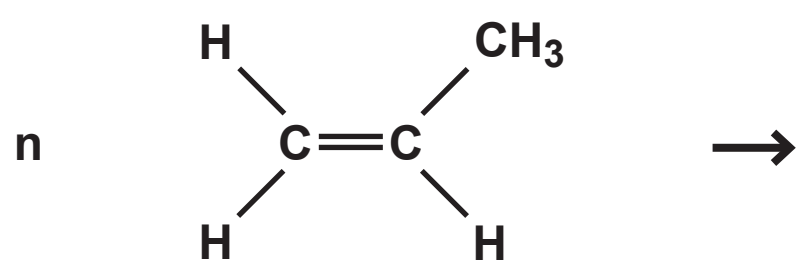
Information	Gas
the most abundant gas in air	
a toxic gas that is a product of incomplete combustion of hydrocarbons	
an unreactive gas that exists as atoms	
a gas produced by the fractional distillation of crude oil	

## Question 6(d)





## Question 10(c)(i)



## Question 11(a)

