

Paper Reference(s) 4CH1/2C
Pearson Edexcel International GCSE (9–1)

Chemistry
UNIT: 4CH1
PAPER: 2C

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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Question 1(a)

argon

carbon dioxide

hydrogen

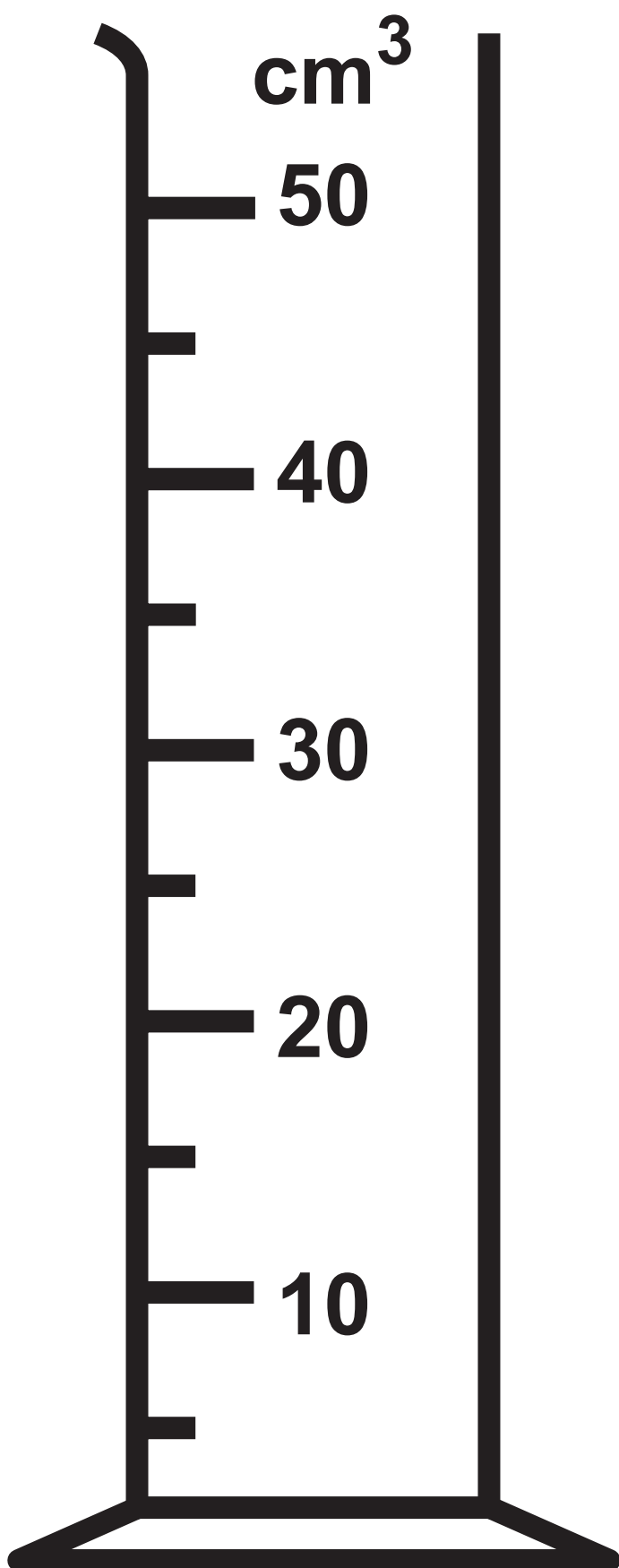
nitrogen

oxygen

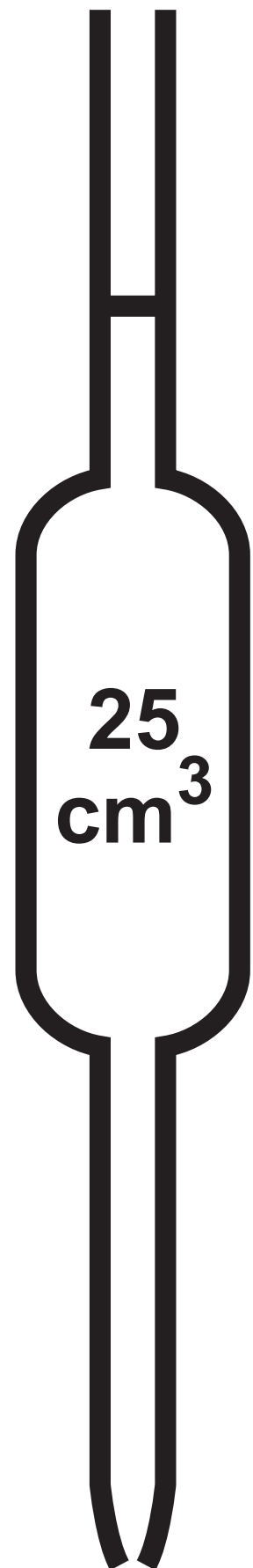
water vapour

Question 2(a)

X



Y

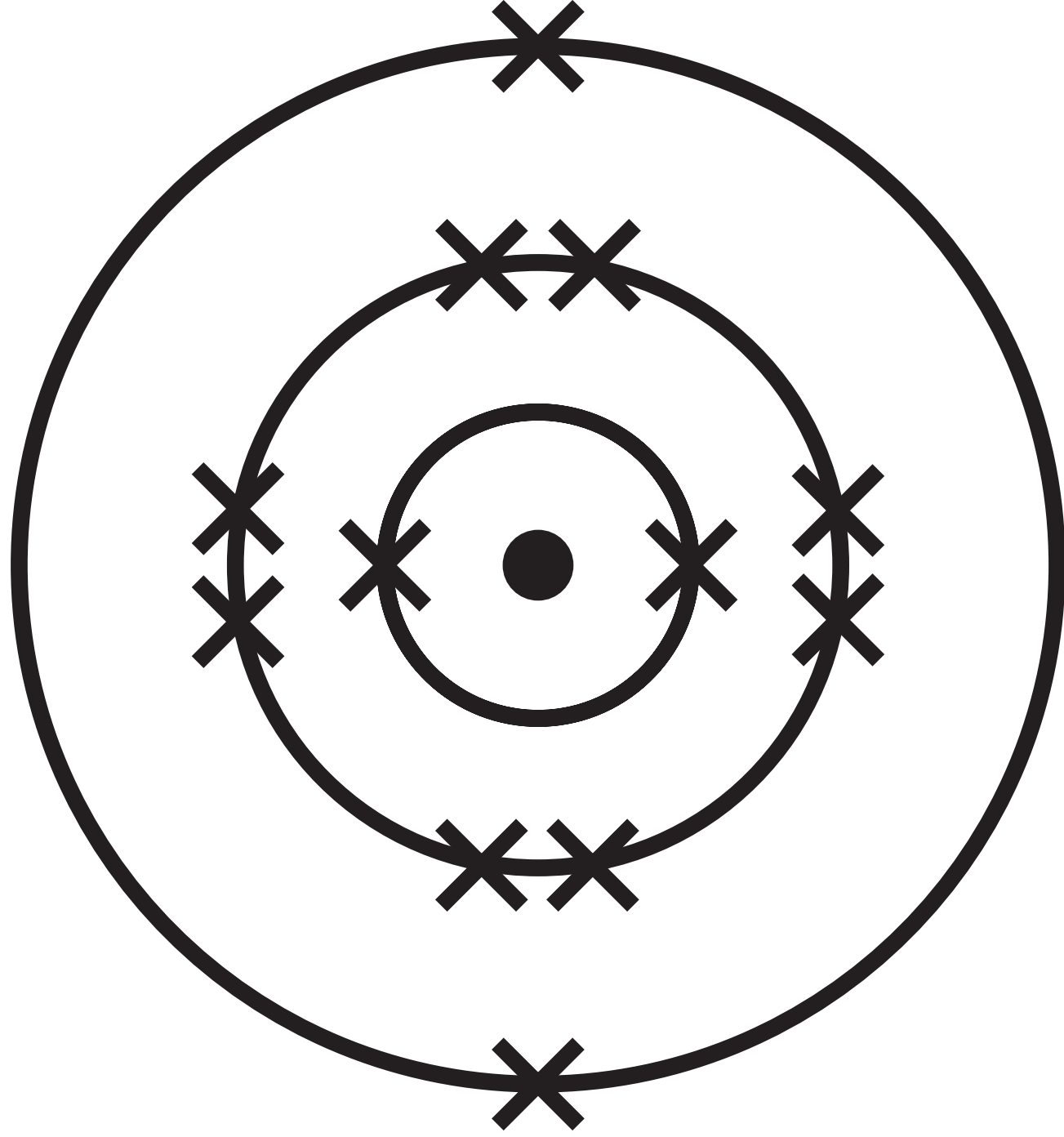


Question 3(c)

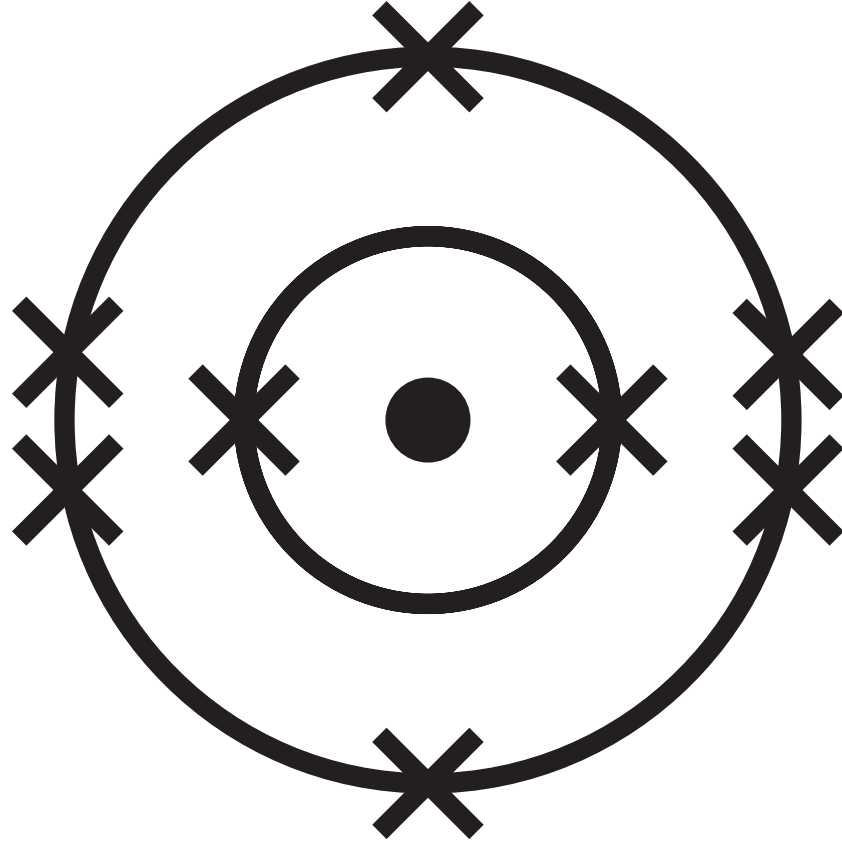
	Electronic configuration
fluorine	2.7
chlorine	2.8.7

Question 4(b)

magnesium atom



oxygen atom



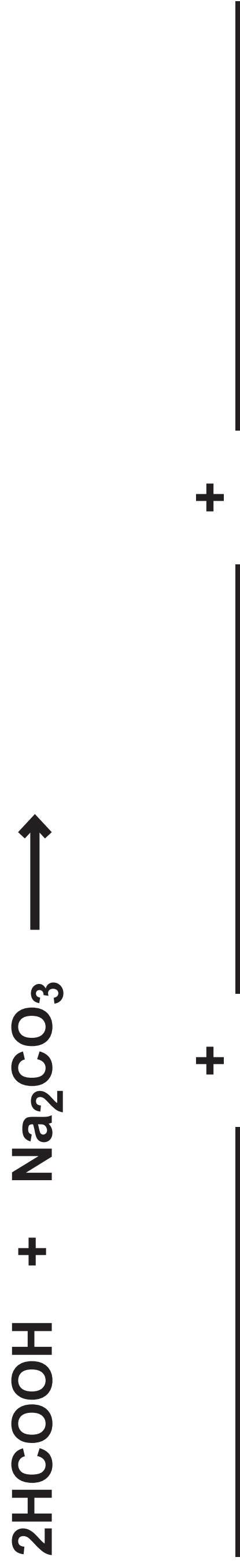
Question 5(b)



+

+

Question 5(b)



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Question 5(d)(ii)

This image shows a completely blank white rectangular area enclosed by a thin black border. There are no markings, text, or illustrations present.

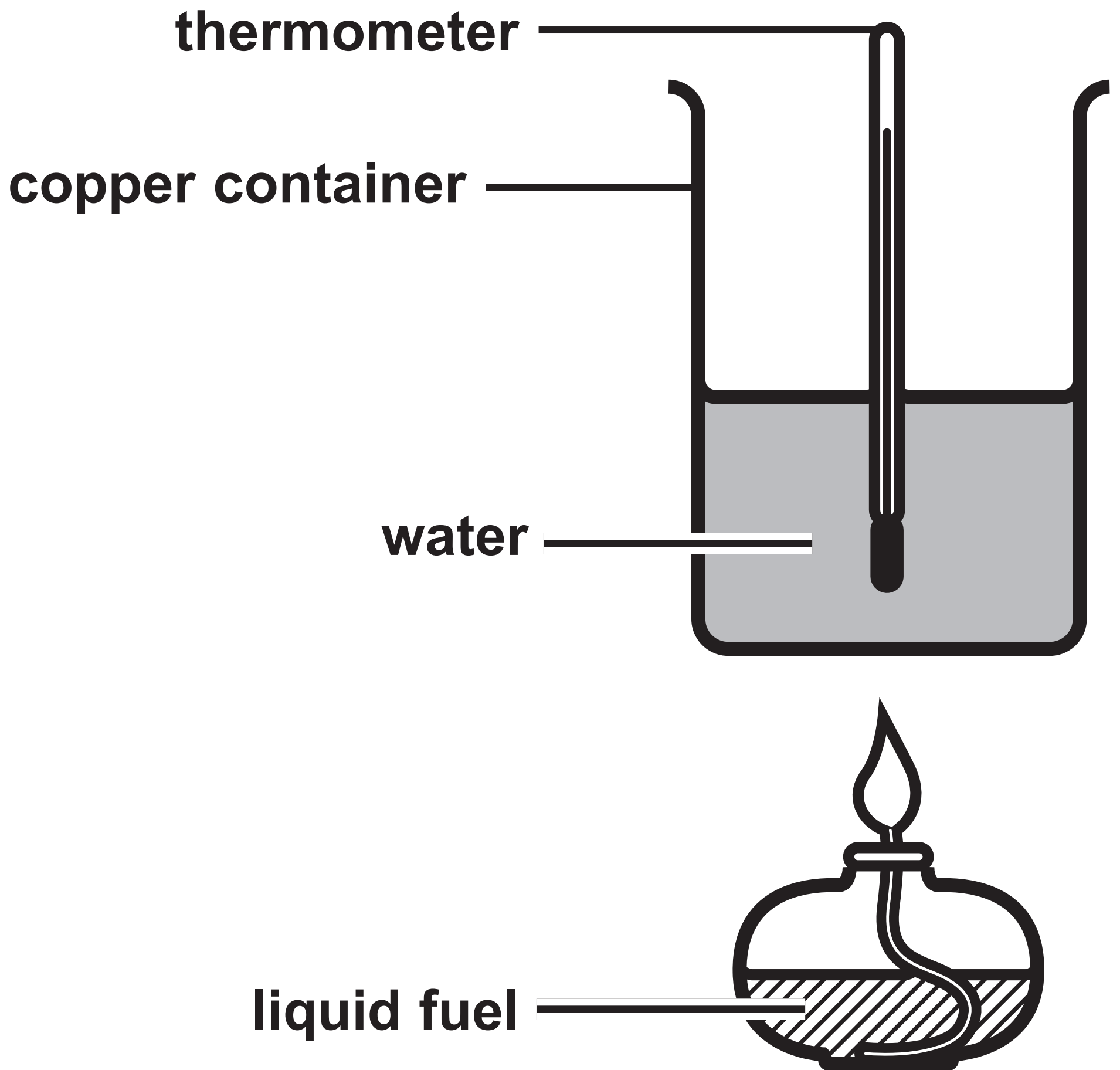
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Question 5(d)(ii)

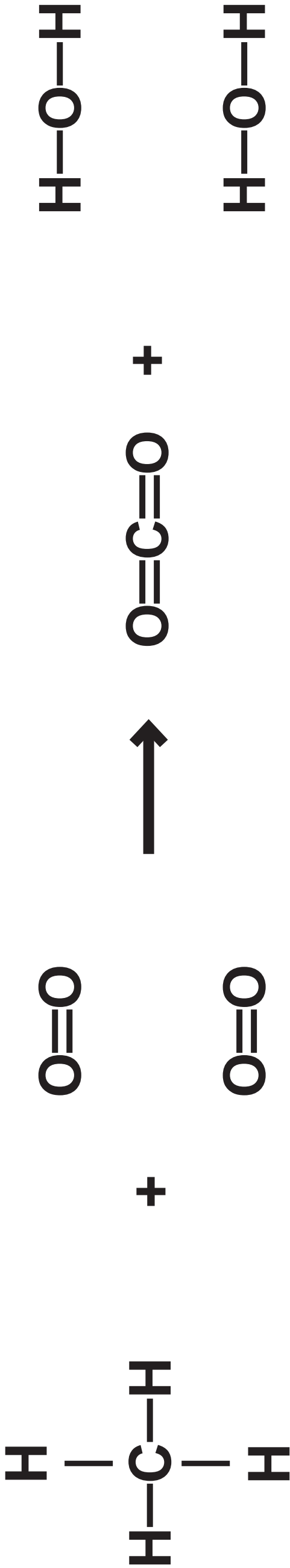
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Question 7

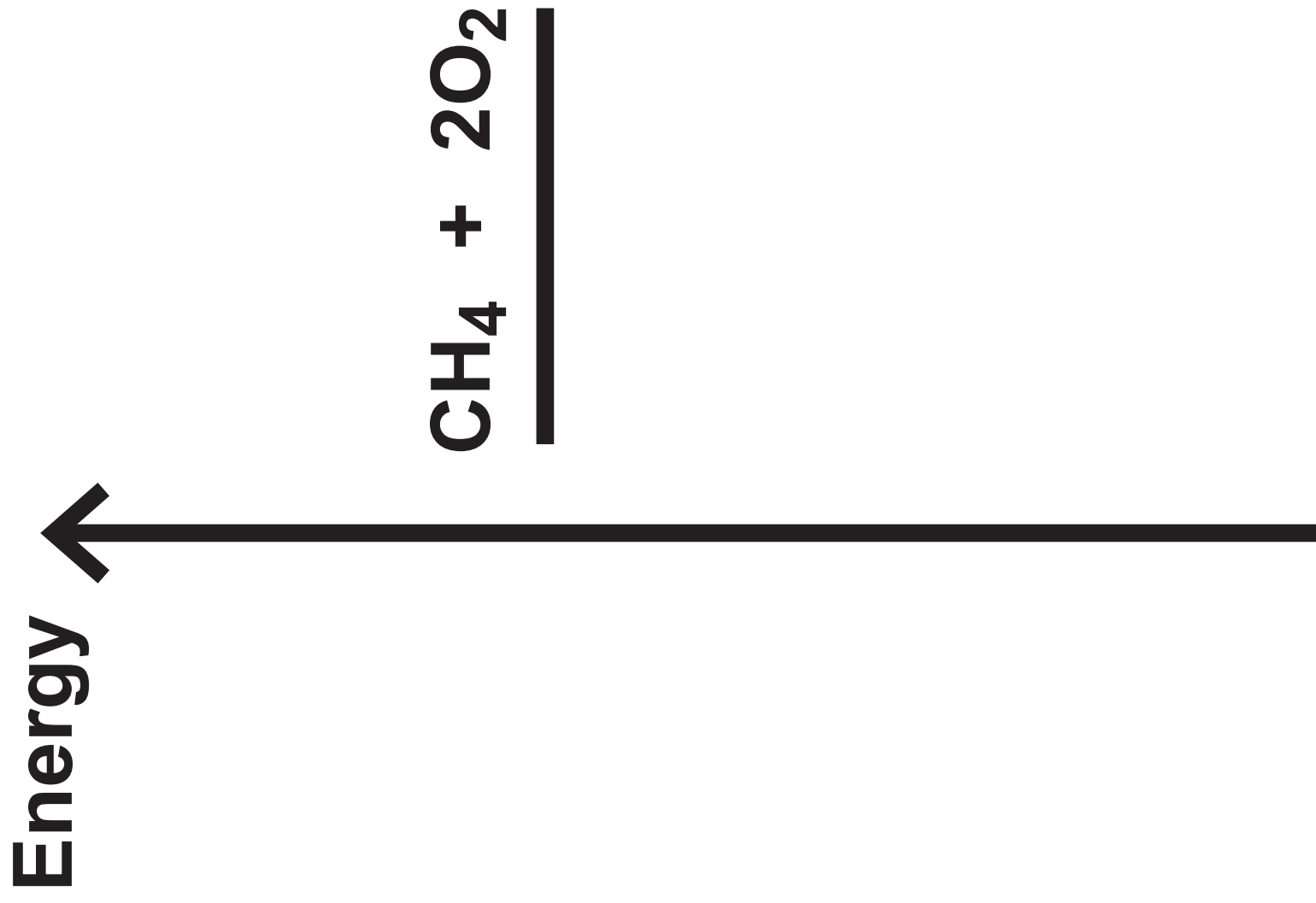


Question 7(d)



Bond	O=O	C=O	O—H
Bond energy in kJ/mol	498	805	463

Question 7(d)(ii)



Question 7(d)(ii)

