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

Combined Science
PAPER 2
Higher Tier

Diagram Booklet

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

Surname					
Other names					
Centre Number					
Candidate Number					

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Pearson

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

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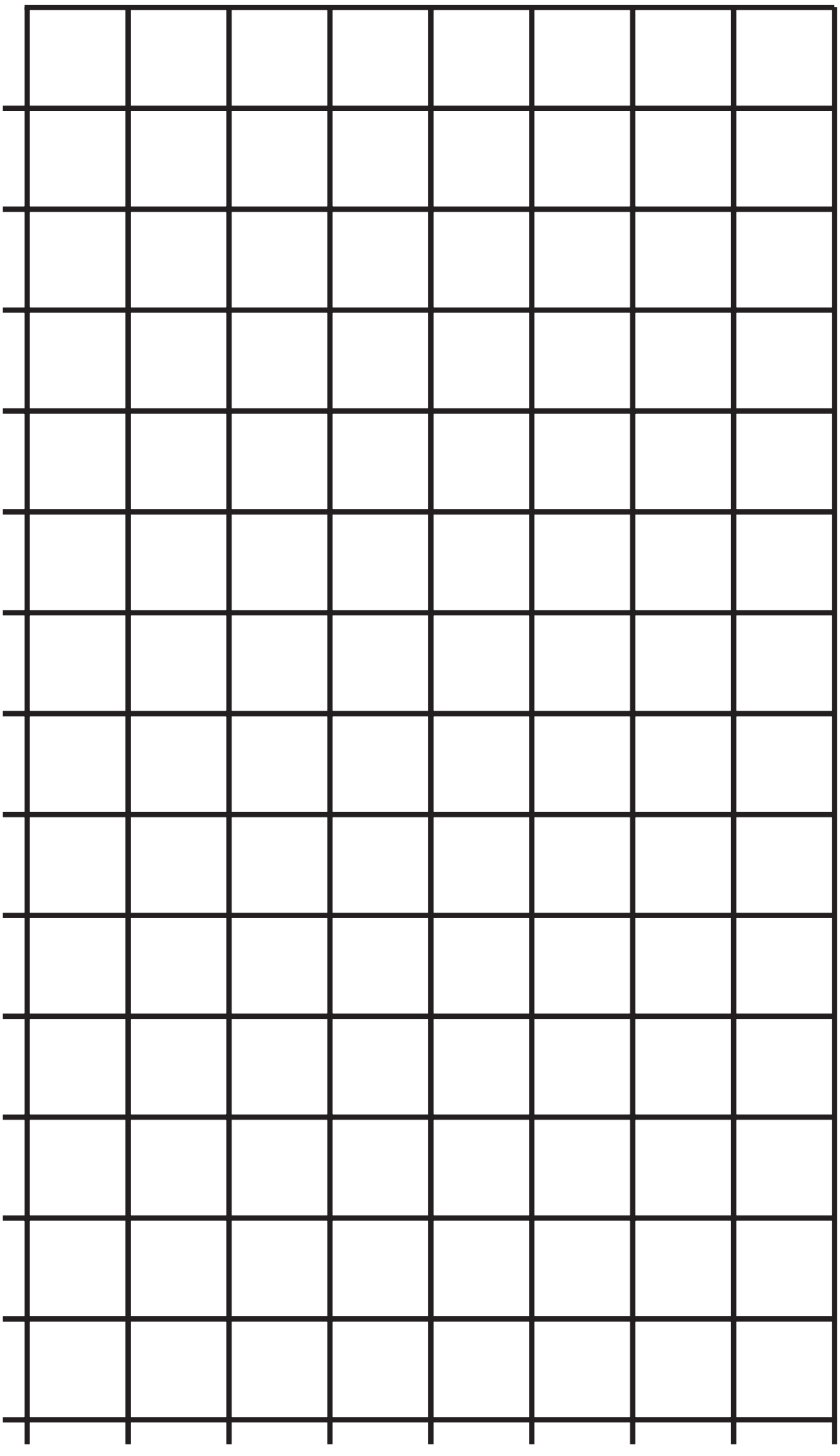
Question 1(a)

	barium hydroxide	hydrochloric acid	barium chloride	water
☐ A	solid	aqueous	aqueous	liquid
☐ B	solid	liquid	solid	aqueous
☐ C	aqueous	aqueous	solid	liquid
☐ D	aqueous	liquid	aqueous	aqueous

Question 1(b)(iv)

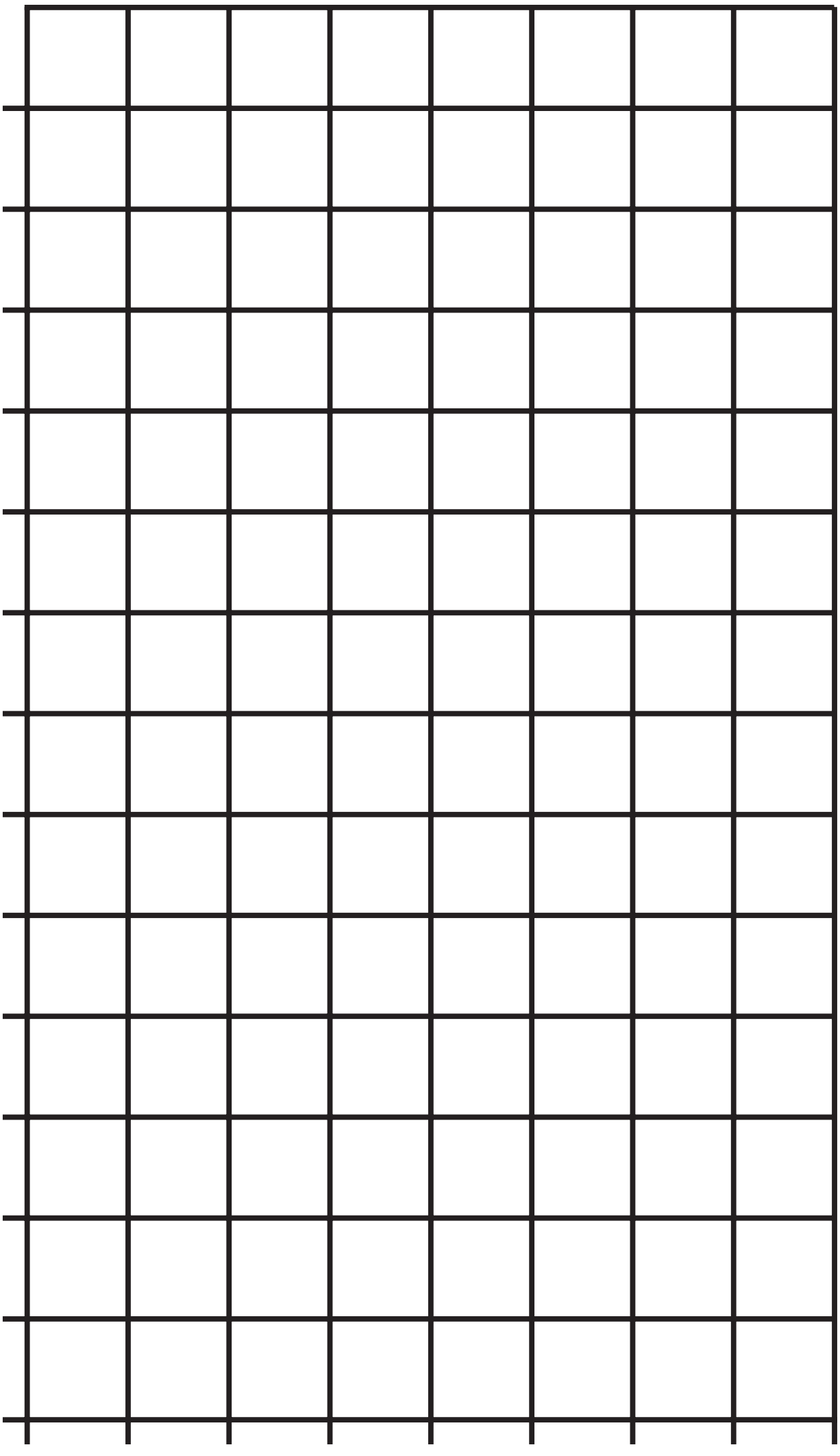
pH of the mixture



mass of barium hydroxide in g

Question 1(b)(iv)

pH of the mixture



mass of barium hydroxide in g

Question 3(c)

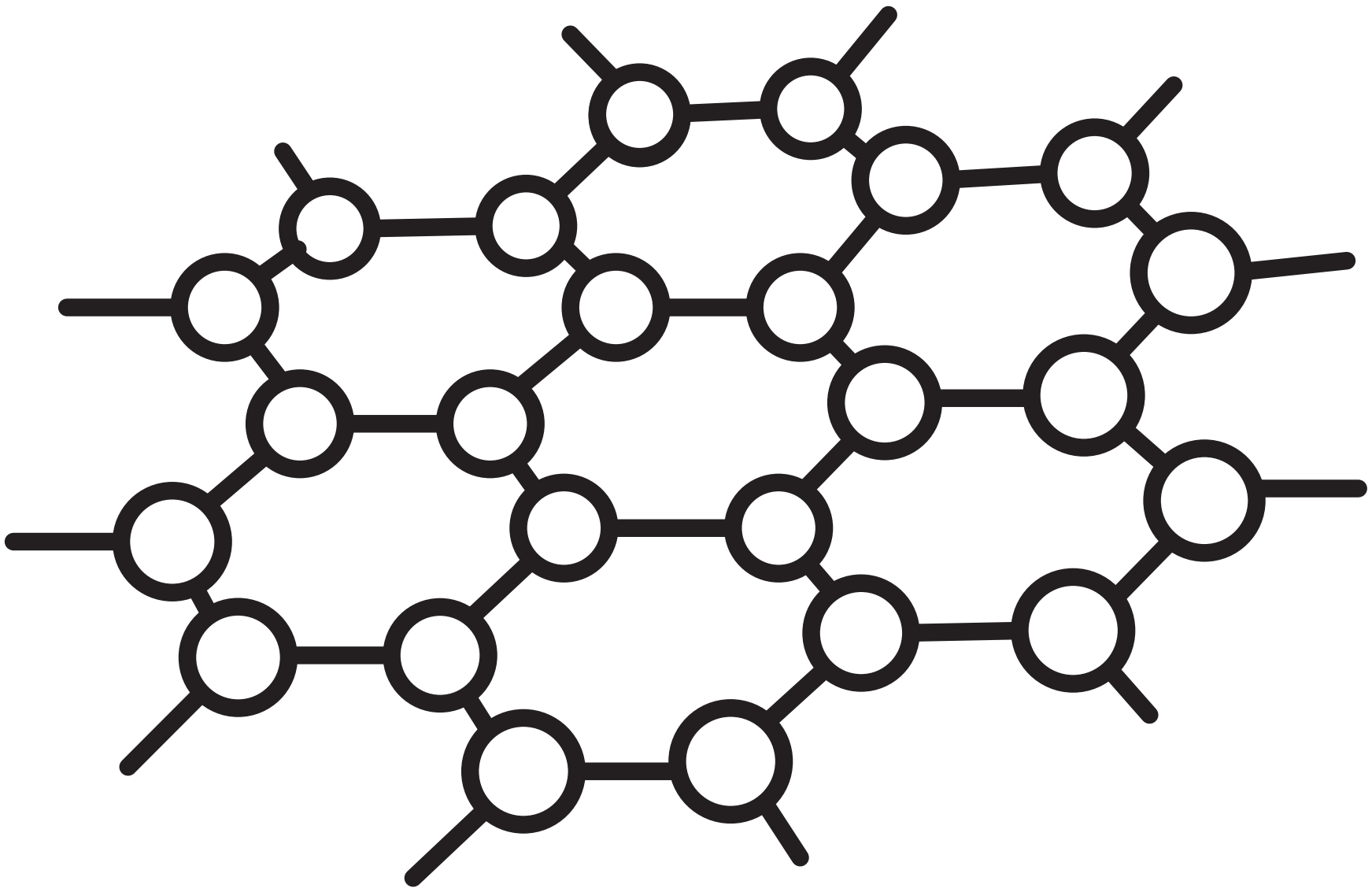
Figure 2

	electrodes	
	anode	cathode
mass of electrode before electrolysis in g	6·43	6·17
mass of electrode after electrolysis in g	5·62	6·95
change in mass in g	−0·81	+0·78

Question 5(b)

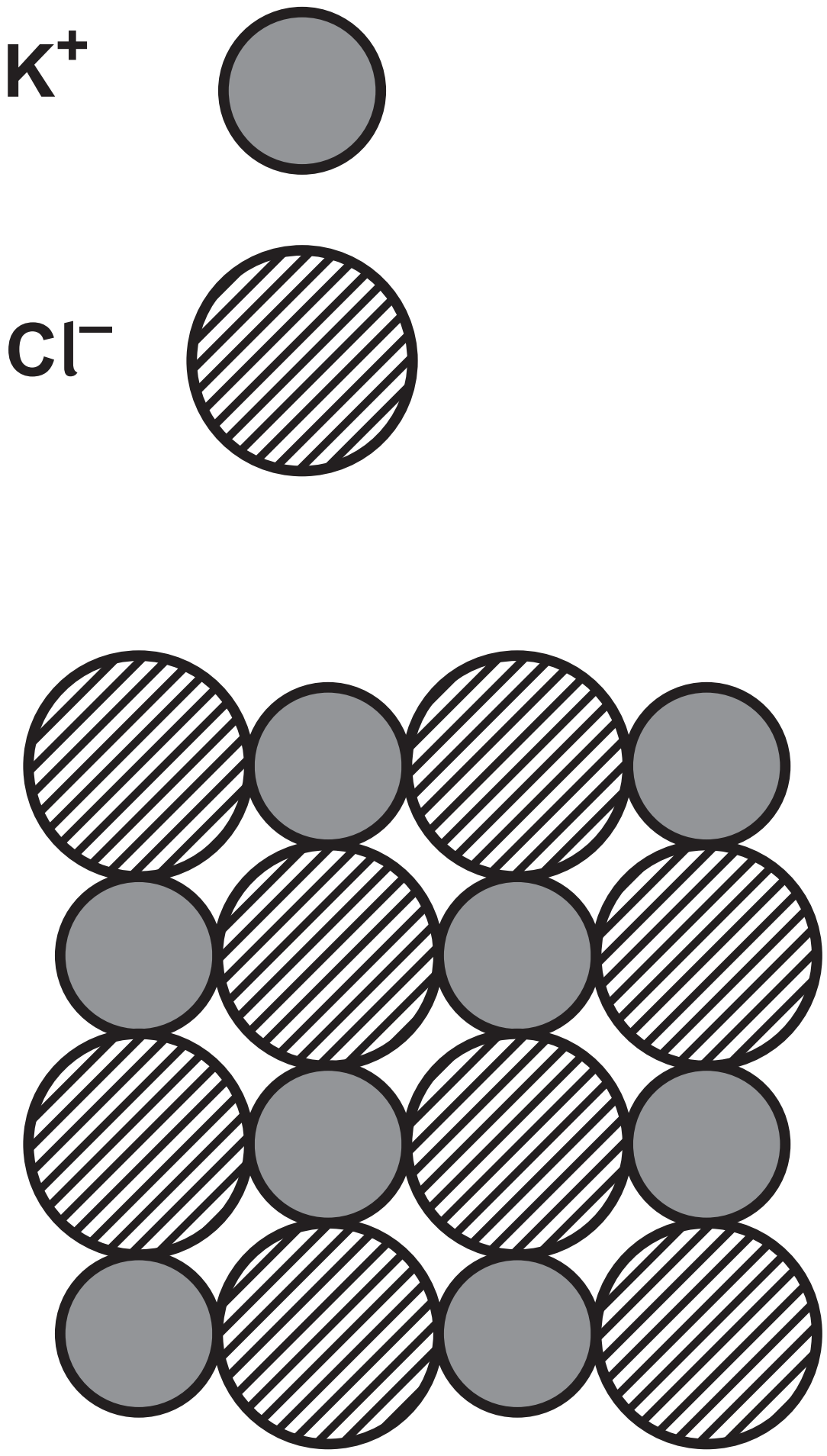
Figure 3

○ carbon atom



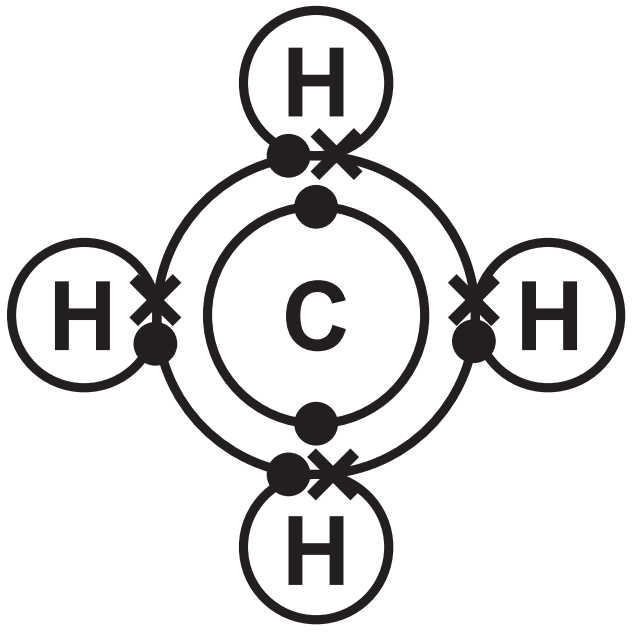
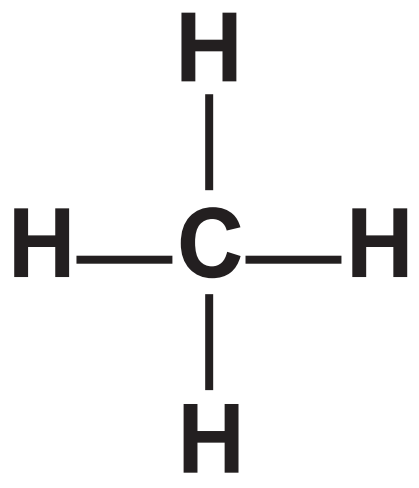
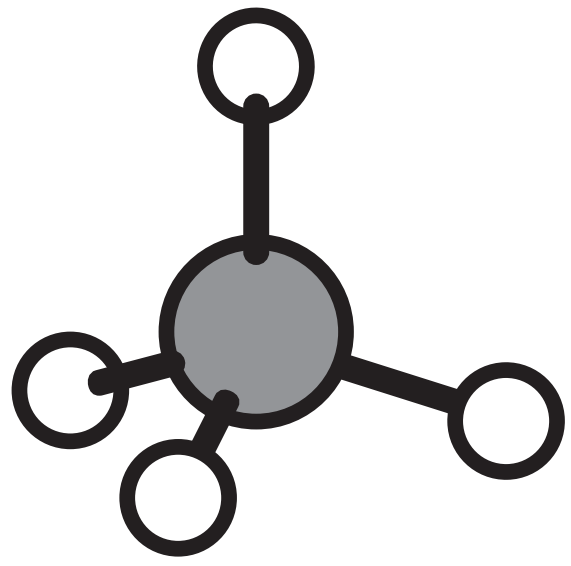
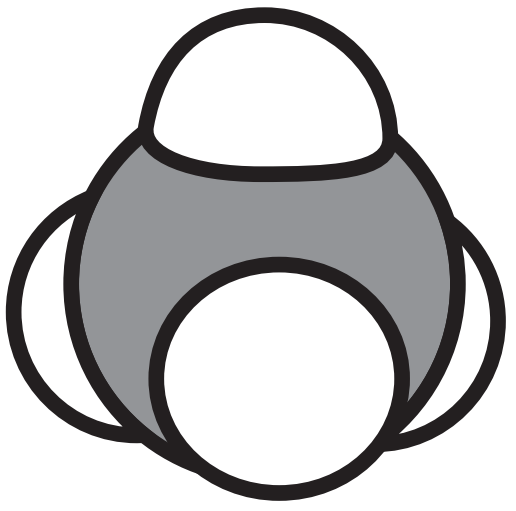
Question 5(c)

Figure 4



Question 5(d)

Figure 5

A	B	C	D	E
CH_4				

Question 6(a)(i)

least reactive → **most reactive**

Question 6(a)(i)