

GCSE Chemistry A (Gateway Science)

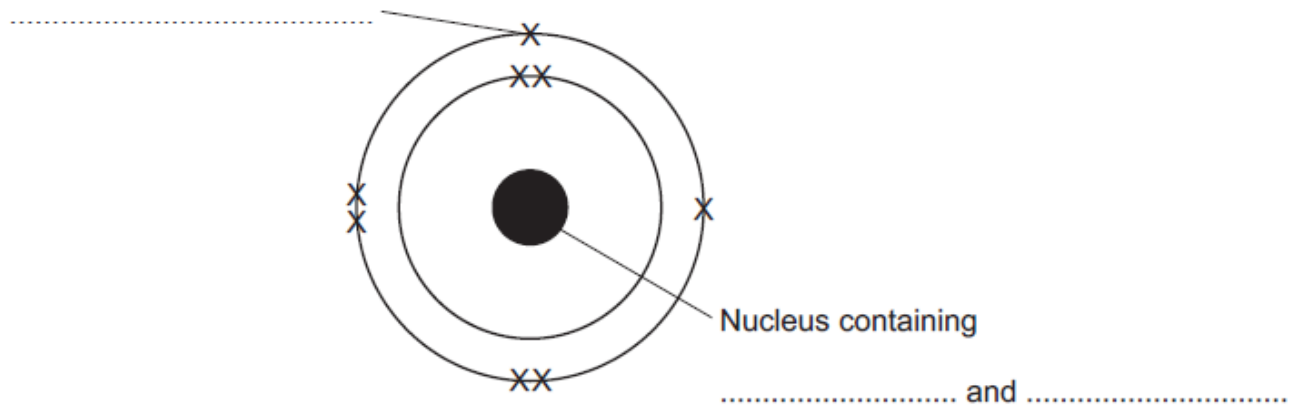
J248/01 Chemistry A C1-C3 and C7 (Foundation Tier)

Question Set 30

1 All elements are made of atoms.

Atoms are made of subatomic particles.

(a) (i) Complete the labels on the diagram of an atom.



[2]

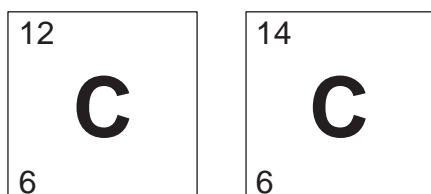
(ii) Atoms have no overall charge.

Explain why.

Use ideas about subatomic particles in your answer.

[1]

(b) Look at the information about two **isotopes** of carbon.



Explain why these are called isotopes.

[2]

Total Marks for Question Set 30: 5



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