

0 1 . 1

Complete the table below to show the relative masses of the particles in atoms: [2 marks]

Name of particle	Relative mass
Proton
Neutron	1
Electron

0 1 . 2

Complete the sentences:

(a) The atomic number of an atom is the number of [1 mark]

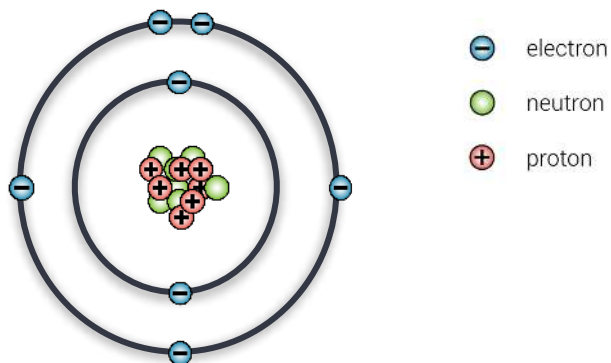
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(b) The mass number of an atom is the number of [1 mark]

.....

0 1 . 3

The diagram shows the structure of a non-metal atom.



What is the chemical symbol for this atom?

[1 mark]

Tick **one** box.

C

N

O

P

0	1	.	4
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Explain why an atom has no overall charge.
Use the relative electrical charges of sub-atomic particles in your explanation.

[2 marks]

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(Total 7 marks)

End