

8 In the early 20th century, scientists carried out alpha particle scattering experiments.

Which of the following is **not** a conclusion from the scientists' observations during these experiments?

- ☐ A Most of the atom is empty space.
- ☐ B The nucleus contains most of the mass of the atom.
- ☐ C The nucleus is made up of protons and neutrons.
- ☐ D There is a concentration of charge in the atom.

(Total for Question 8 = 1 mark)