

39 Which statement about the nuclei of the atoms of an element is correct?

- A** Every nucleus of an element contains an equal number of neutrons and protons.
- B** Every nucleus of an element contains the same number of neutrons as all others of that element, but the number of protons may differ.
- C** Every nucleus of an element contains the same number of protons as all others of that element, but the number of neutrons may differ.
- D** The number of protons in a nucleus differs from isotope to isotope of an element, as do the number of neutrons.

Space for working