

- 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