

- 29** In a therapy unit, patients are given treatment from a certain radioactive source. This source has a half-life of 4 years. A particular treatment requires 10 minutes of irradiation when the source is first used.

How much time is required for this treatment, using the same source, 2 years later?

- A** 7 minutes      **B** 12 minutes      **C** 14 minutes      **D** 20 minutes