

- 30** 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

**End of Paper**