

- 30** In a cancer 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** 10 minutes
- C** 14 minutes
- D** 20 minutes

**End of paper**