

**12** The distance between two electricity pylons is 60 m. The cable that connects the two pylons is 62 m in length.

Why is the cable longer than the distance between the two pylons?

- A** to allow for contraction of the cable in cold weather
- B** to create a slope in the cable for electrons to flow down
- C** to keep the current low and the voltage high
- D** to reduce magnetic fields around the cable