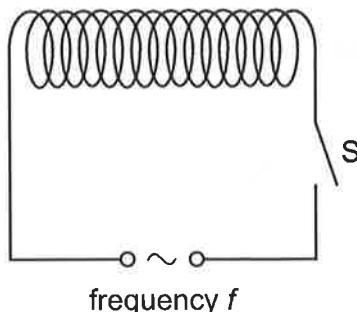


- 28** The diagram shows a loosely-wound solenoid connected to an a.c. supply of frequency  $f$  and a switch S.



What happens to the turns of the solenoid when the switch S is closed?

- A They compress  $f$  times a second.
- B They compress  $2f$  times a second.
- C They move apart  $f$  times a second.
- D They move apart  $2f$  times a second.

