

**18** A fixed amount of gas is reduced in volume at a constant temperature.

What is the reason for the increase in pressure of the gas?

- A** The average distance travelled between collisions by the gas molecules is increased.
- B** The average intermolecular attractive force between the gas molecules is decreased.
- C** The average speed of the gas molecules is increased.
- D** The frequency of the collisions of the gas molecules with the walls of the container is increased.