

- 16** A scientist measures the air temperature at different heights from the floor in a cave. The results are recorded in the table.

height/m	temperature/°C
0	10
10	11
20	13
30	14
40	16

Why does altering the height affect the temperature of the air?

- A** The particles in warm air have less energy than the particles in cool air.
- B** The particles in cool air are further apart than the particles in warm air.
- C** Warm air is less dense than cool air.
- D** Cool air rises above warm air.