

- 20** The table shows the breathing rate and the average total volume of air breathed by a student when exercising for 20 minutes.

time /minutes	breathing rate /breaths per minute	average total volume of air breathed /cm ³ per minute
0	12	5 000
5	12	9 000
10	12	15 000
15	18	20 000
20	22	25 000

Which conclusion can be made from the data in the table about the effect of exercise on breathing?

- A** Between 0 minutes and 10 minutes, there is no change to the depth of breathing.
- B** Between 0 minutes and 10 minutes, the depth of breathing increases.
- C** Between 10 minutes and 20 minutes, there is no change to the rate of breathing.
- D** Between 15 minutes and 20 minutes, the depth of breathing decreases.