

- 14** 20.0 cm³ of hydrogen peroxide decomposes to water and oxygen in the presence of a suitable catalyst.

160 cm³ of oxygen, measured at room conditions, is produced in 5.00 minutes.

What is the average rate of decomposition of hydrogen peroxide during this reaction period?

- A** $2.22 \times 10^{-5} \text{ mol s}^{-1}$
B $4.44 \times 10^{-5} \text{ mol s}^{-1}$
C $1.76 \times 10^{-4} \text{ mol s}^{-1}$
D $2.67 \times 10^{-3} \text{ mol s}^{-1}$