

- 12** A fixed mass of ideal gas has pressure of 1.2×10^5 Pa at 50°C . After a sudden compression, its pressure increases to 6.0×10^5 Pa at 200°C .
What is the ratio of the compressed volume to the original volume?

A 0.80 **B** 0.29 **C** 0.14 **D** 0.05