



For a gas where volume and pressures are  $1\text{dm}^3$  and  $2\text{ atm}$  respectively what should be its new volume when pressure is increased to  $6\text{ atm}$  at constant temperature?

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- A.  $1/2\text{dm}^3$
- B.  $1/3\text{dm}^3$
- C.  $1/4\text{dm}^3$
- D.  $2/3\text{dm}^3$

Show Answer...

**Correct Answer: B.  $1/3\text{dm}^3$**