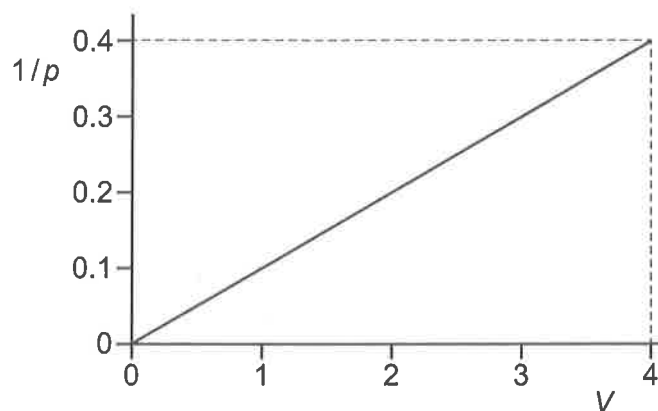


12 A fixed amount of an ideal gas has pressure p and volume V .

The graph shows the variation of $1/p$ with V at a constant temperature.



The amount of gas and the thermodynamic temperature are then both doubled.

Which line will be produced?

