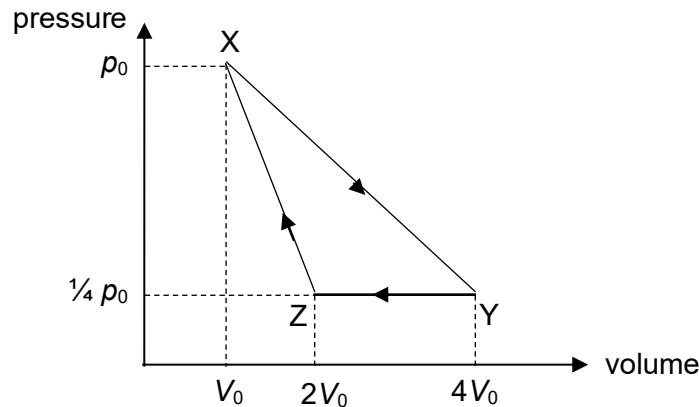


- 17 The graph shows the variation of pressure with volume of an ideal gas during a thermodynamic cycle.



Which of the following statements is incorrect?

- A The internal energy of the gas decreases when it goes from state Z to state X.
- B The mean kinetic energy of the gas molecules is the same at state X and state Y.
- C Work is done on the gas when it goes from state Y to state Z.
- D Net heat is supplied to the gas in one complete cycle.