

- 5 Some gas is contained in a cylinder by means of a moveable piston, as illustrated in Fig. 5.1.

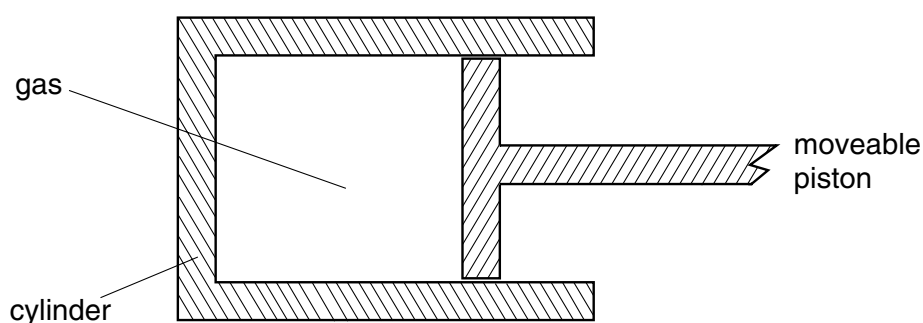


Fig. 5.1

State how, for this mass of gas, the following changes may be achieved.

- (a) increase its gravitational potential energy

.....[1]

- (b) decrease its internal energy

.....
[1]

- (c) increase its elastic potential energy

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[1]