

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

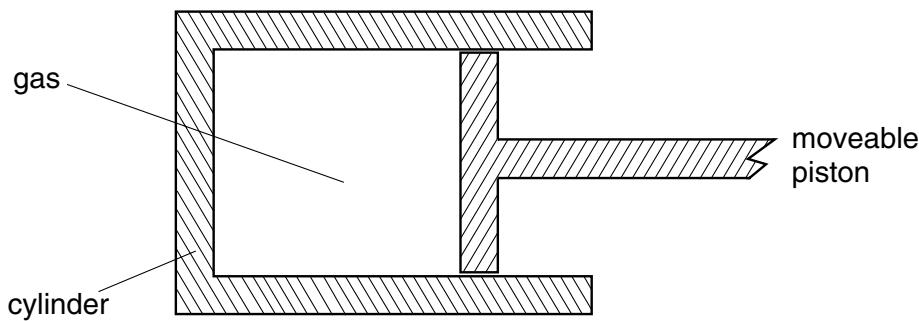


Fig. 5.1

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

..... [1]