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

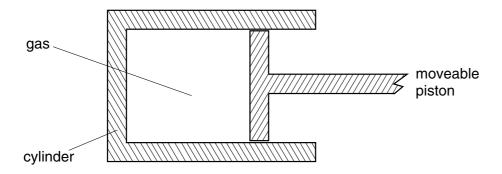


Fig. 5.1

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

(a)	increase its gravitational potential energy
(b)	decrease its internal energy
	[1]
(c)	increase its elastic potential energy
	[1]