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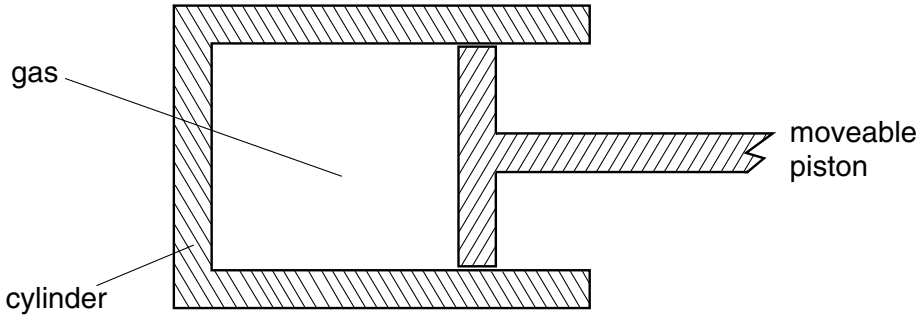

Fig. 5.1

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

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(b) decrease its internal energy

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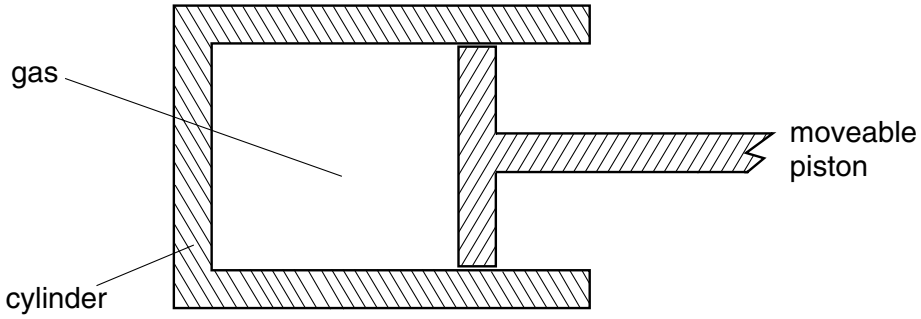

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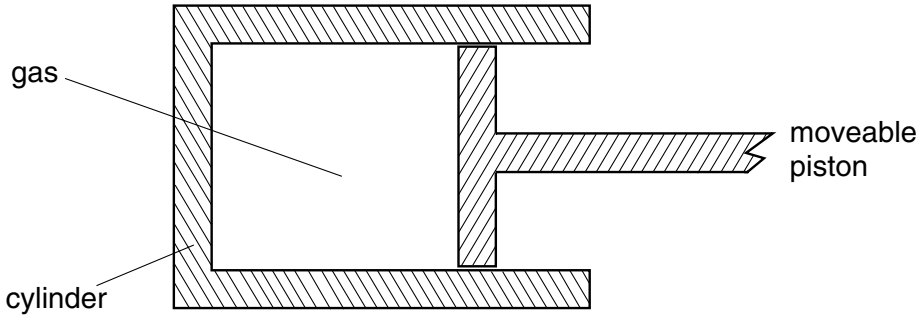

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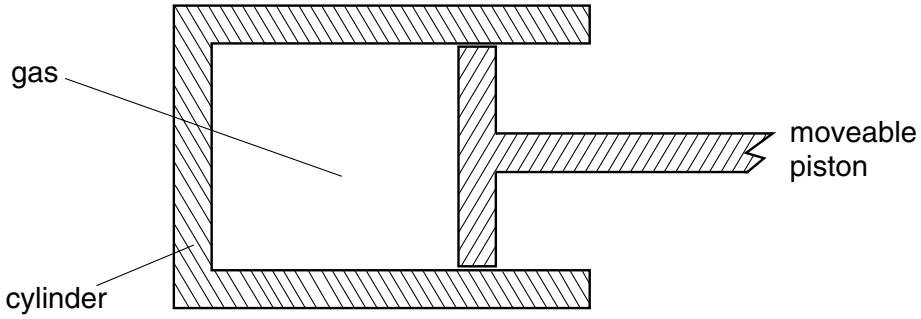

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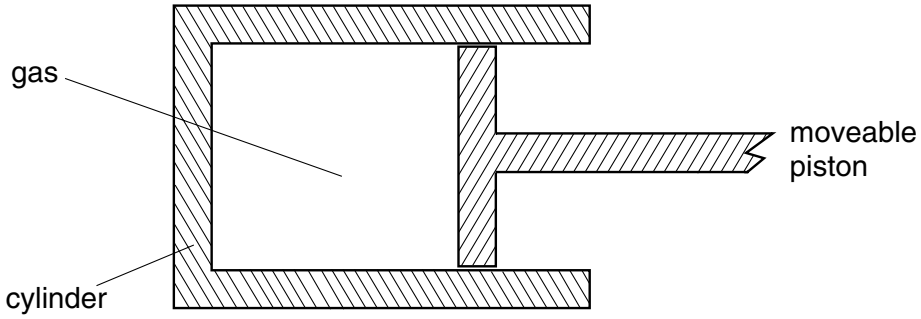

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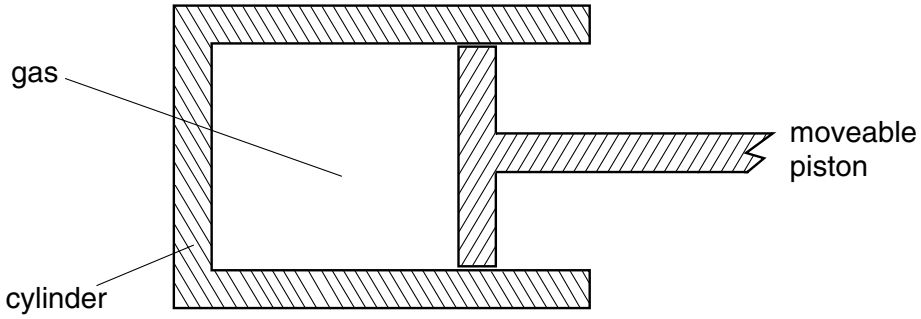

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