

- 16** The total energy input E_{in} in a process is partly transferred to useful energy output U and partly transferred to energy that is wasted W .

What is the efficiency of the process?

- A** $\frac{U}{E_{\text{in}}} \times 100\%$
- B** $\frac{W}{E_{\text{in}}} \times 100\%$
- C** $\frac{U}{W} \times 100\%$
- D** $\frac{U + W}{E_{\text{in}}} \times 100\%$

- 17** A gas is enclosed inside a cylinder which is fitted with a frictionless piston