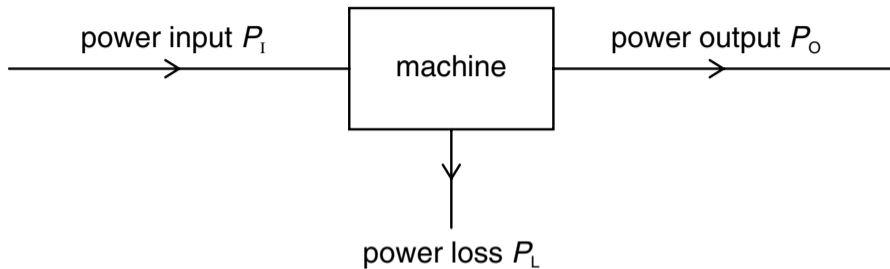


16 Power is transferred through a machine as shown.



What is the efficiency of the machine?

A $\frac{P_I}{P_O + P_L}$

B $\frac{P_L}{P_I}$

C $\frac{P_L}{P_O}$

D $\frac{P_O}{P_I}$

17 Air in a bicycle pump is forced through a valve at a constant pressure p . In one stroke of the pump