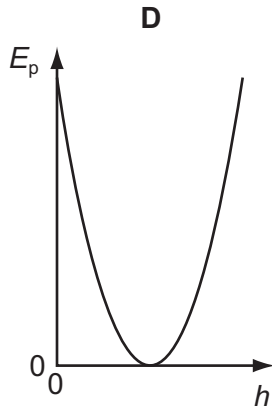
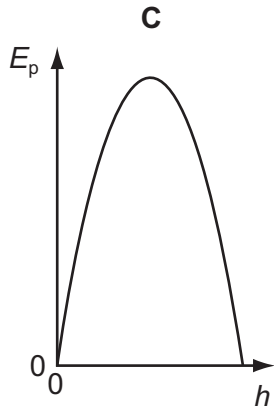
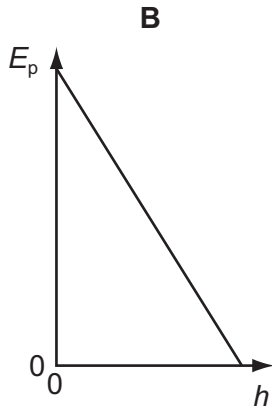
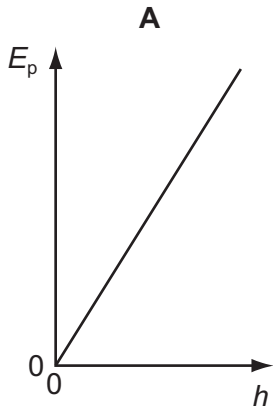


**15** An object is thrown into the air.

Which graph shows how the potential energy  $E_p$  of the object varies with height  $h$  above the ground?



**16** The diagram shows a barrel of weight  $1.0 \times 10^3 \text{ N}$  on a frictionless plane inclined at  $30^\circ$  to the