16 An object is pulled up a frictionless slope by a constant force F. When the force has done work W, the object has gained gravitational potential energy (g.p.e.) P and kinetic energy (k.e.) K.

How much g.p.e. and how much k.e. does the object gain when the same force has done work totalling $4W$?

	g.p.e.	k.e.
A	$2P$	$2K$
B	$2P$	$4K$
C	$4P$	$2K$
D	$4P$	$4K$

17 A car travelling along a motorway experiences two resistive forces: rolling resistance and air