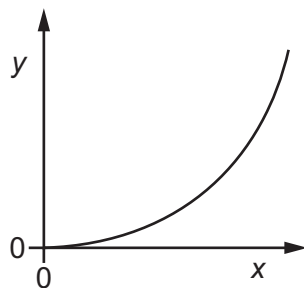


- 19** The diagram shows the variation of a quantity y with a quantity x for objects in a uniform gravitational field.



What could x and y represent?

	x	y
A	mass for different objects moving at the same speed	kinetic energy
B	speed for an object of constant mass	kinetic energy
C	vertical distance fallen for an object of constant mass	change of gravitational potential energy
D	mass for different objects falling the same vertical distance	change of gravitational potential energy