

- 17** A parachutist is falling towards the ground at a constant speed v . The rate at which she is losing gravitational potential energy is R .

The acceleration of free fall is g .

What is the mass of the parachutist?

A $\frac{gv}{R}$

B $\frac{R}{gv}$

C $\frac{2R}{v^2}$

D $\frac{v^2}{2R}$