

- 5** A mass m has acceleration a . It moves through a distance s in time t . The power used in accelerating the mass is equal to the product of force and velocity. The percentage uncertainties are
- 0.1% in m ,
1% in a ,
1.5% in s ,
0.5% in t .

What is the percentage uncertainty in the average power?

- A** 2.1% **B** 2.6% **C** 3.1% **D** 4.1%