

2 Which of the following correctly expresses the volt in terms of SI base units?

A $A\Omega$

B WA^{-1}

C $\text{kg m}^2 \text{s}^{-1} \text{A}^{-1}$

D $\text{kg m}^2 \text{s}^{-3} \text{A}^{-1}$

3 What is a reasonable estimate of the average kinetic energy of an athlete during a 100 m race?