

15 Which expression can be used to calculate power?

A $\frac{\text{mass} \times \text{acceleration} \times \text{time}}{\text{distance}}$

B $\frac{\text{mass} \times \text{acceleration} \times \text{distance}}{\text{time}}$

C $\frac{\text{mass} \times \text{acceleration}}{\text{time}}$

D $\frac{\text{force} \times \text{acceleration}}{\text{time}}$

16 A plane is inclined at 20° to the horizontal. A mass of 4.00 kg is pushed at constant speed up this