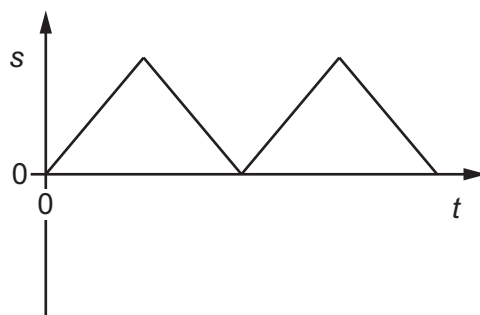
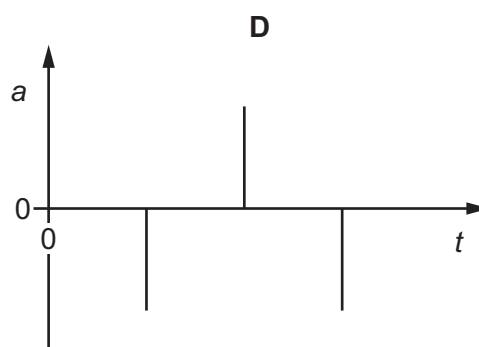
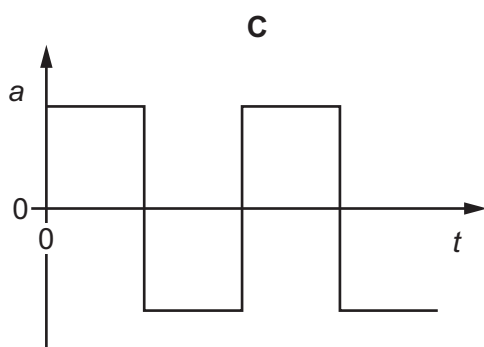
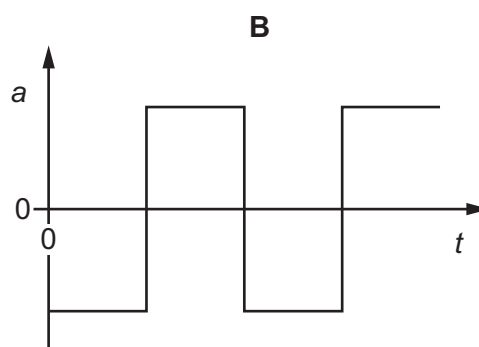
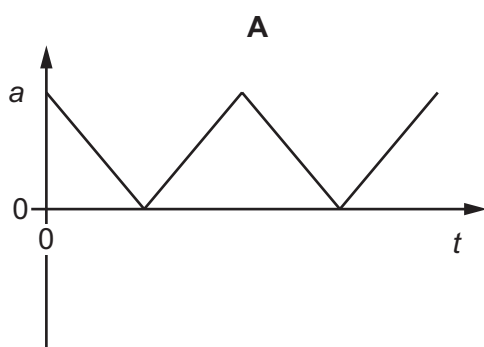


- 6 The graph shows the variation with time  $t$  of the displacement  $s$  of an object.



Which graph represents the variation with time  $t$  of the acceleration  $a$  of the object?



- 7 Which expression defines force?
- A**  $(\text{mass} \times \text{change in speed}) \times \text{time taken}$
  - B**  $\frac{\text{mass} \times \text{change in speed}}{\text{time taken}}$
  - C**  $(\text{change of momentum}) \times \text{time taken}$
  - D**  $\frac{\text{change of momentum}}{\text{time taken}}$