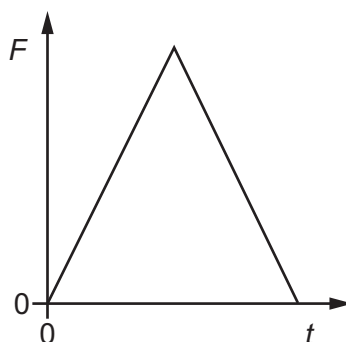
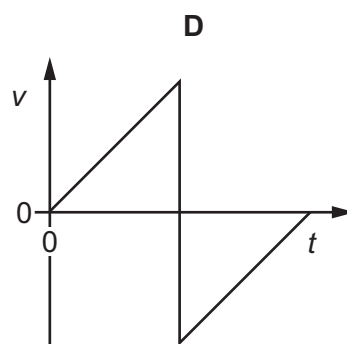
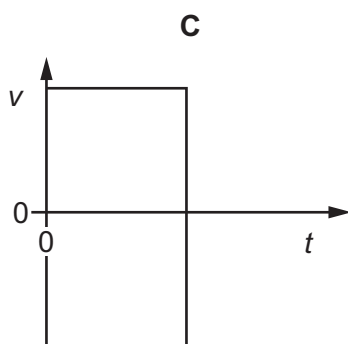
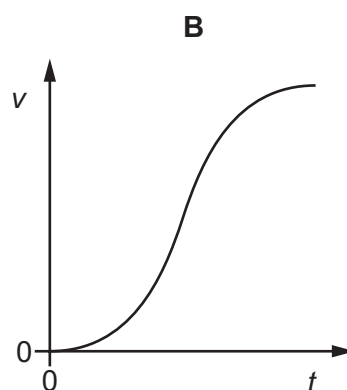
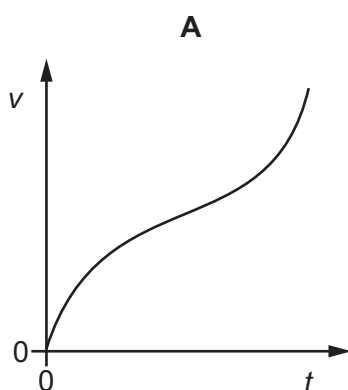


- 9 A golf club hits a golf ball. The graph shows how the force  $F$  on the ball varies with time  $t$ .



Which graph shows how the velocity  $v$  of the ball varies with time  $t$ ?



- 10 What is meant by the mass and by the weight of an object on the Earth?

	mass	weight
<b>A</b>	its momentum divided by its velocity	the work done in lifting it one metre
<b>B</b>	the gravitational force on it	the property that resists its acceleration
<b>C</b>	the pull of the Earth on it	its mass divided by the acceleration of free fall
<b>D</b>	the property that resists its acceleration	the pull of the Earth on it