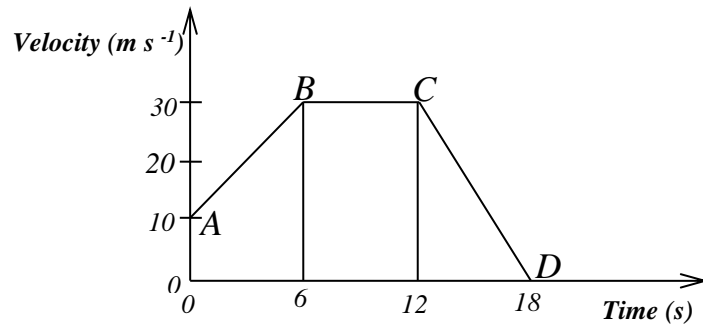


S.3 WEEK 1

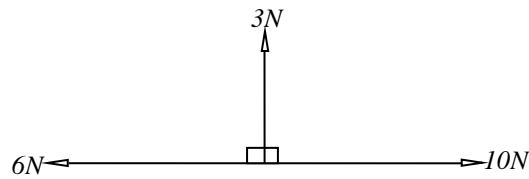
1. (a)



The diagram above represents a velocity-time graph of a body in motion.

- (i) Describe the motion of the body. (04 marks)
- (ii) Calculate the total distance travelled. (06 marks)

(b)



Forces of 3N, 6N and 10N act on a body of mass 2 kg, initially at rest. Find the magnitude of the acceleration with which the body moves. (06 marks)