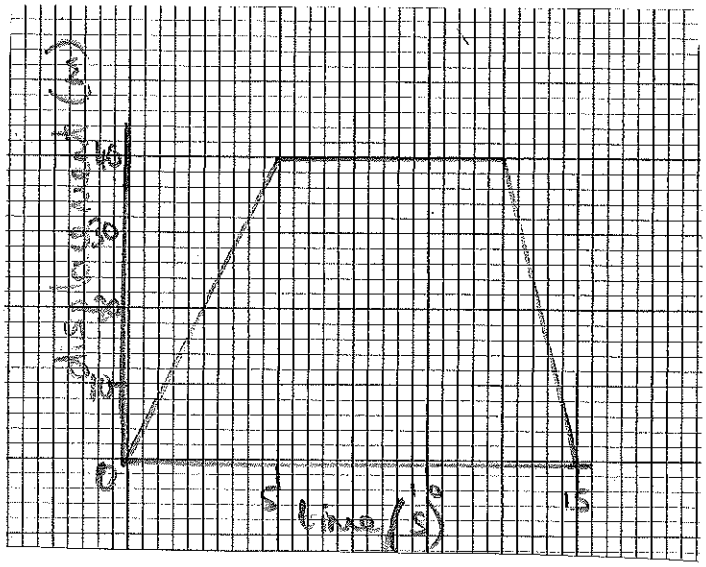
Chapter 4: More motion graphs (Rev A)

Velocity = $\frac{\text{change in displacement}}{\text{time}}$

Acceleration = $\frac{\text{change in velocity}}{\text{time}}$

Graph A



What is:

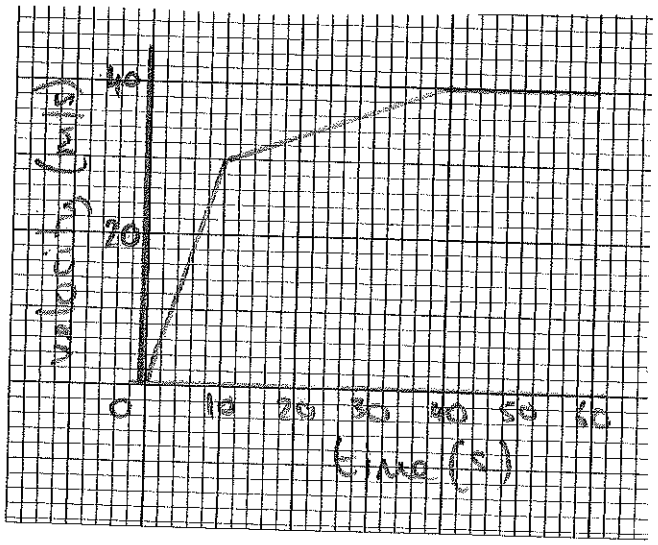
(a) the displacement at t=4 s

(b) the velocity at t=0s to t=5s

(c) the velocity at t=5s to t=12.5s

(d) the velocity at t=14s

Graph B



What is:

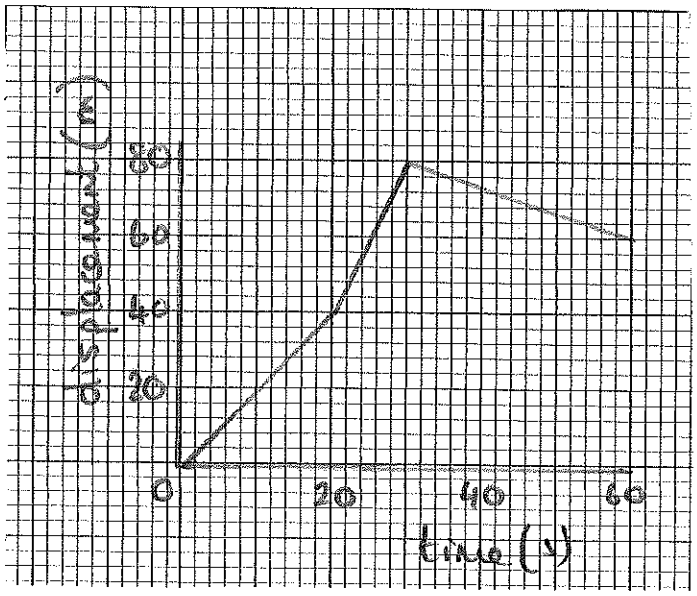
(a) the velocity at t=5 s

(b) the velocity at t=40s to t=60s

(c) the acceleration at t=0s to t=10s

(d) the acceleration after t=40s

Graph C



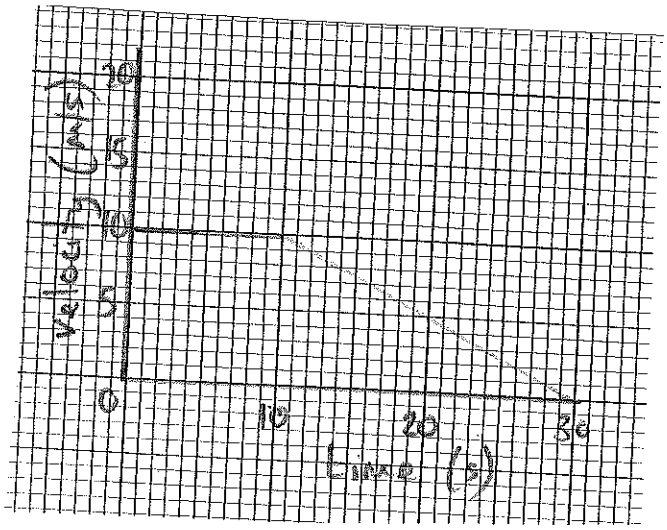
What is:

(a) the velocity at t=0s to t=20s

(b) the velocity at t=25s

(c) the velocity at t=30s to t=60s

Graph D



What is:

(a) the velocity at t=0 s to t=10s

(b) the acceleration at t=10s to t=30s