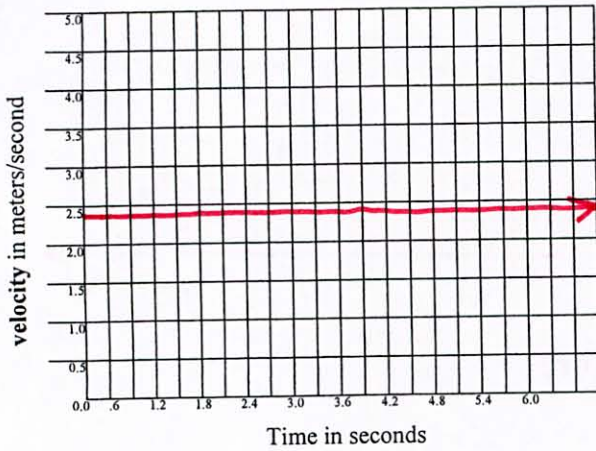
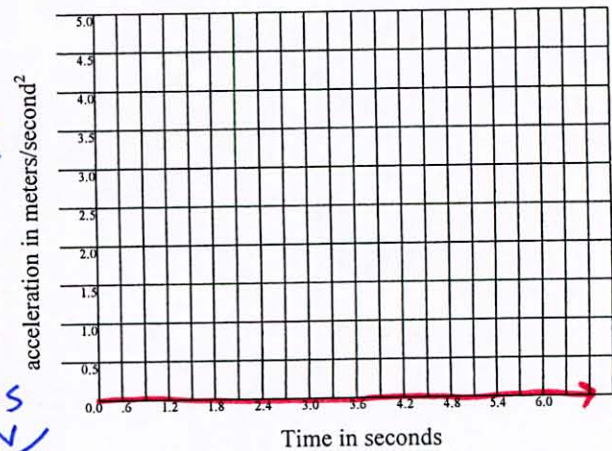


1. Gilberto was chasing butterflies in the park. If he runs at a constant 2.4 m/s from a starting position of 3m, graph it.

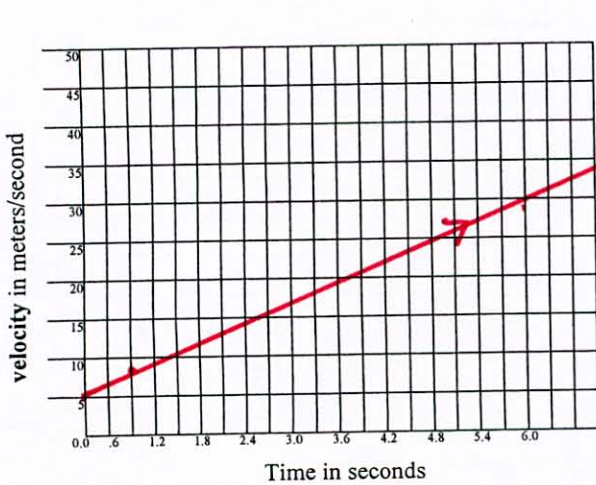


Slope gives  
 $a$

AREA  
GIVES  
 $\Delta V$

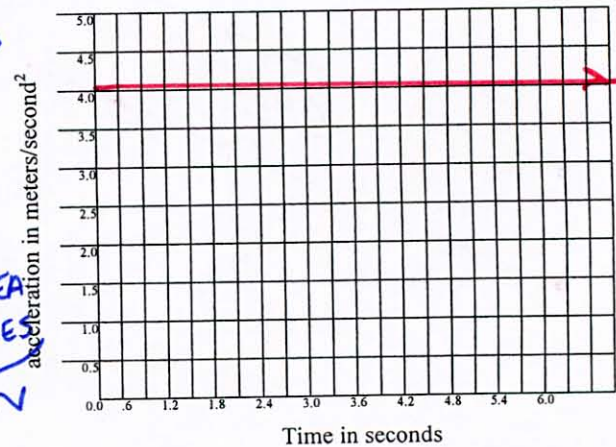


2. Gilberto was being chased by the police. If he accelerates at  $4 \text{ m/s}^2$  with an initial speed of  $5 \text{ m/s}$ , graph it.

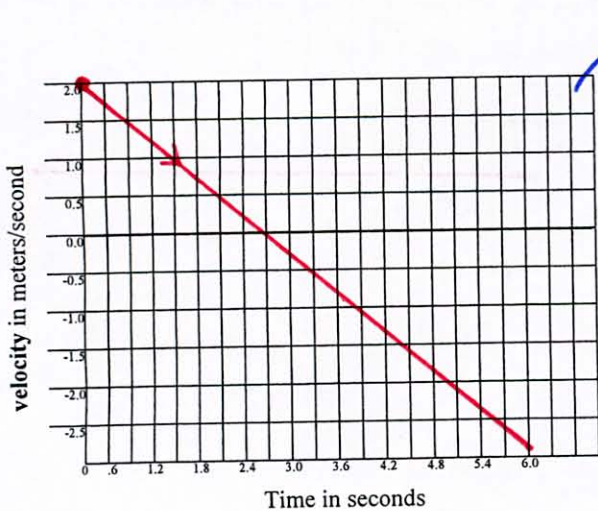


Slope gives  
 $a$

AREA  
GIVES  
 $\Delta V$

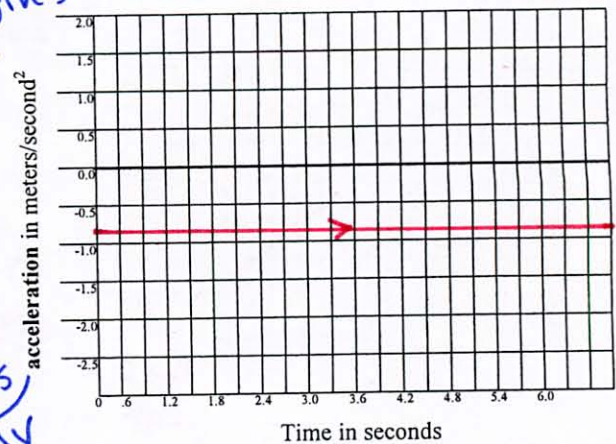


3. Gilberto was caught in the park. If he starts at  $2 \text{ m/s}$  and accelerates at  $-0.8 \text{ m/s}^2$ , graph it.

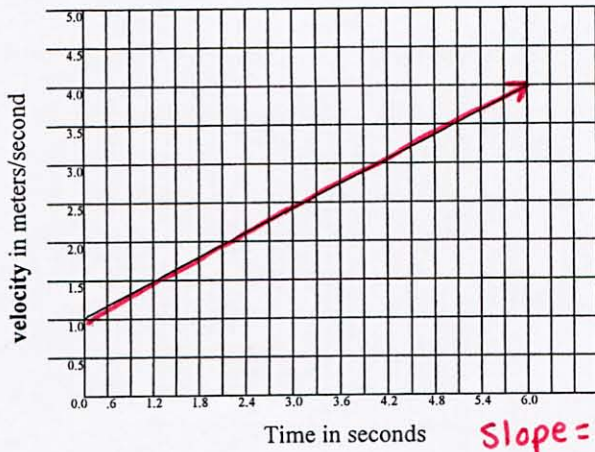


Slope gives  
 $a$

AREA  
GIVES  
 $\Delta V$



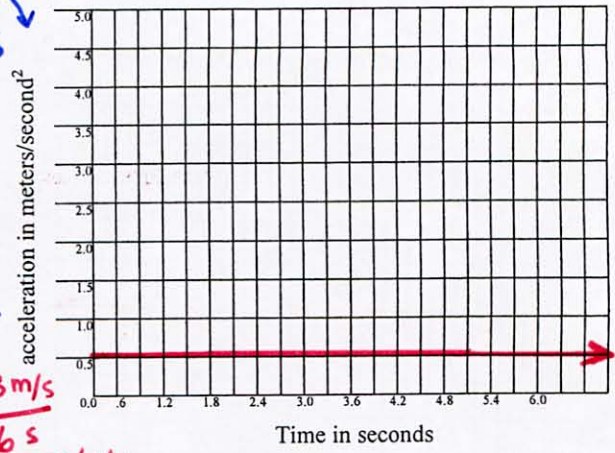
4. Gilberto moved with the following velocity versus time graph. Finish the other graph.



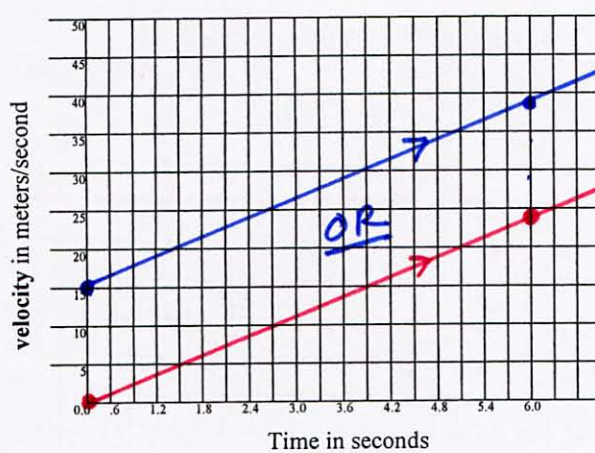
SLOPE GIVES a

AREA GIVES  $\Delta v$

Slope =  $\frac{\text{rise}}{\text{run}} = \frac{3 \text{ m/s}}{6 \text{ s}}$   
 accel =  $0.5 \text{ m/s/s}$



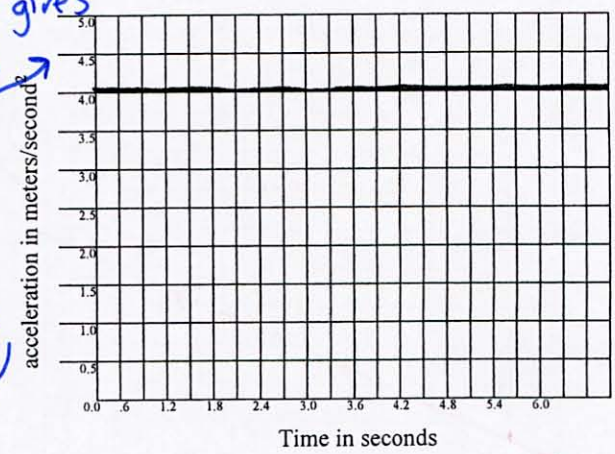
5. Gilberto moved with the following acceleration versus time graph. Complete the velocity graph.



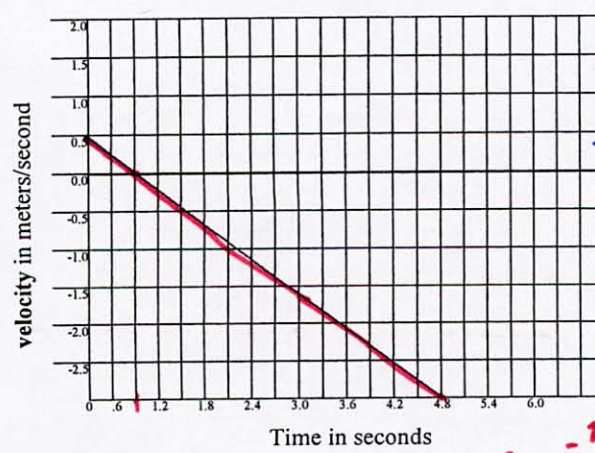
slope gives a

Area gives  $\Delta v$

OR



6. Finish the other graph of Gilberto.



slope gives a

Area gives  $\Delta v$

Rise =  $-\frac{3.0}{3.9}$

