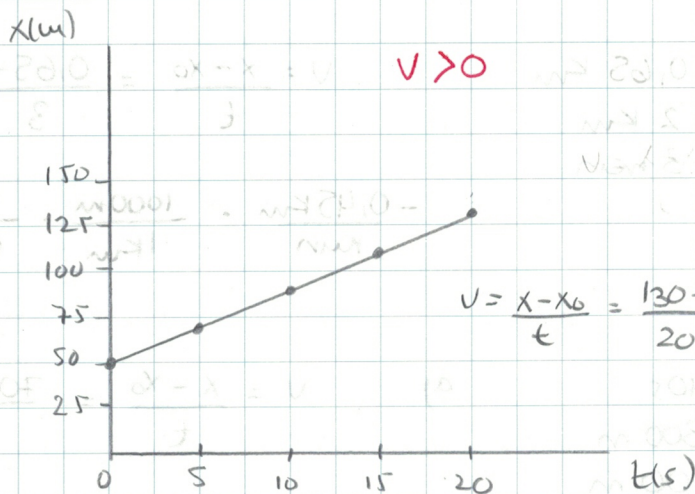


(20)

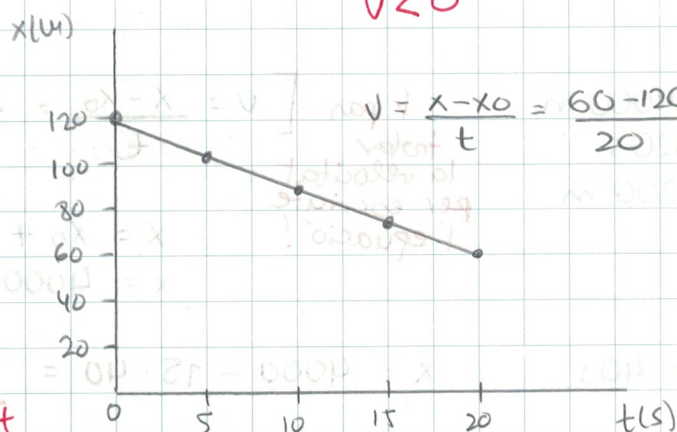
Moviment 1

t(s)	x(m)
0	50
5	70
10	90
15	110
20	130



Moviment 2

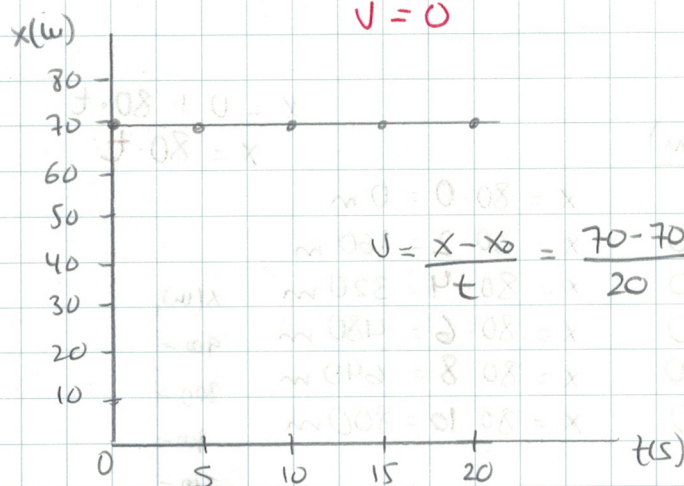
t(s)	x(m)
0	120
5	105
10	90
15	75
20	60



està
malament
al líbrie

Moviment 3

t(s)	x(m)
0	70
5	70
10	70
15	70
20	70



està en
repòs

40

$$x = 0,65 \text{ Km}$$

$$x_0 = 2 \text{ Km}$$

$$t = 3 \text{ min.}$$

$$v = \frac{x - x_0}{t} = \frac{0,65 - 2}{3} = -0,45 \text{ Km/min}$$

$\downarrow$
m/s

$$-0,45 \frac{\text{Km}}{\text{min}} \cdot \frac{1000 \text{ m}}{1 \text{ Km}} \cdot \frac{1 \text{ min}}{60 \text{ s}} = \underline{-7,5 \text{ m/s}}$$

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$$t = 40 \text{ s}$$

$$x_0 = 300 \text{ m}$$

$$x = 700 \text{ m}$$

$$a) \quad v = \frac{x - x_0}{t} = \frac{700 - 300}{40} = \underline{10 \text{ m/s}}$$

$$b) \quad x = x_0 + v \cdot t$$

$$[x = 300 + 10 \cdot t]$$

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$$x_0 = 4000 \text{ m}$$

$$t = 120 \text{ s}$$

$$x = 2200 \text{ m}$$

troubar la velocitat per escriure l'equació!

$$v = \frac{x - x_0}{t} = \frac{2200 - 4000}{120} = \underline{-15 \text{ m/s}}$$

$$x = x_0 + v \cdot t$$

$$x = 4000 - 15 \cdot t$$

$$\rightarrow t = 40 \text{ s}$$

$$x = 4000 - 15 \cdot 40 = \underline{3400 \text{ m}}$$

$$\rightarrow t = 200 \text{ s}$$

$$x = 4000 - 15 \cdot 200 = \underline{1000 \text{ m}}$$

41

t(s) x(m)

0

0

$$x = 80 \cdot 0 = 0 \text{ m}$$

2

160

$$x = 80 \cdot 2 = 160 \text{ m}$$

4

320

$$x = 80 \cdot 4 = 320 \text{ m}$$

6

480

$$x = 80 \cdot 6 = 480 \text{ m}$$

8

640

$$x = 80 \cdot 8 = 640 \text{ m}$$

10

800

$$x = 80 \cdot 10 = 800 \text{ m}$$

$$x = 0 + 80 \cdot t$$

$$x = 80 \cdot t$$

