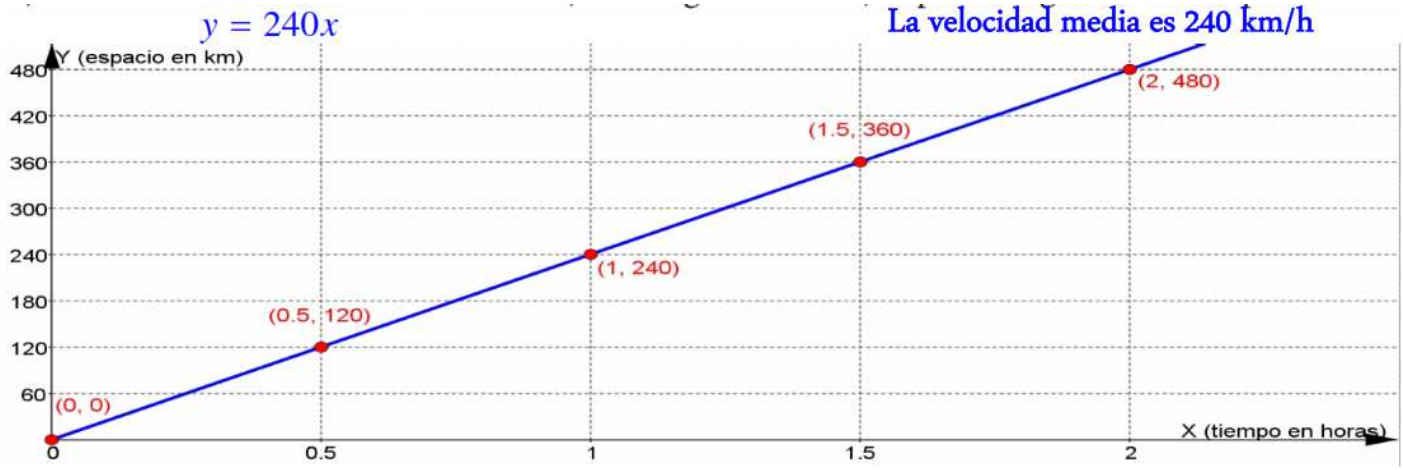
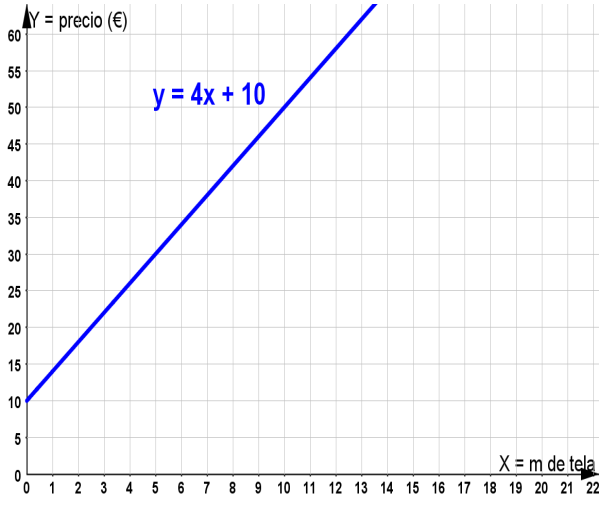

1



La pendiente es 240 y corresponde con la velocidad media del tren

2

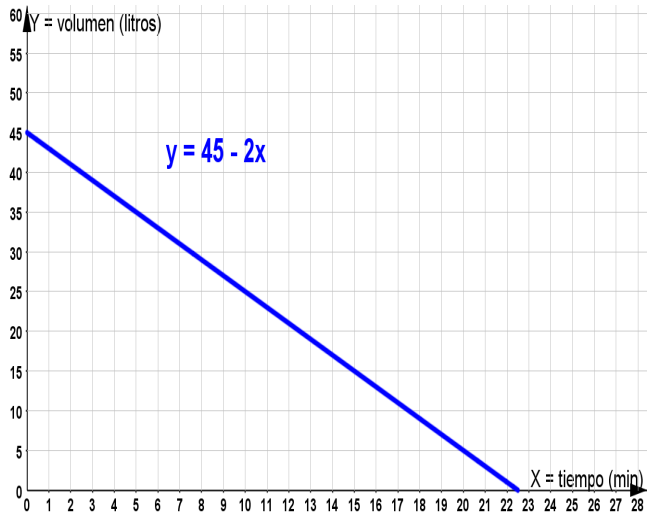
x = metros de tela	0	2	4
y = precio (en €)	10	18	26



c) $y = 4x + 10$ *d)* 12 *m*

3

x = minutos	0	5	10
y = litros	45	35	25



c) $y = 45 - 2x$ *d)* 22,5 *minutos*

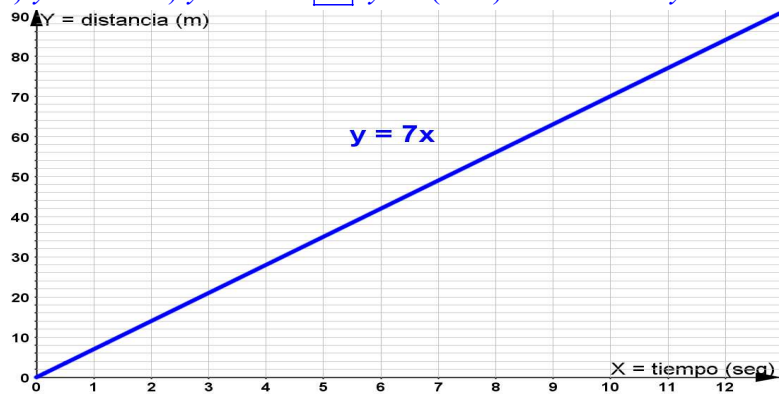
4 *a)* $y = 0{,}1x + 1$ *b)* 51 *atmósferas* *c)* 200 *metros*

5 *a)* $m = -5\ ;\ n = 35$ *b)* $y = 35 - 5x$ *c) A partir de los 4 segundos*

Actividades del libro: 12, 17, 27, 34 y 48 a)

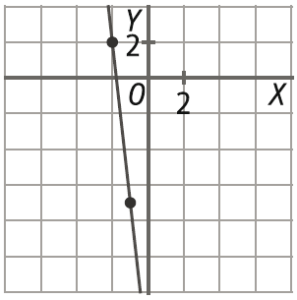
12 *a)* $y = 3 - x$ *b)* $y = x - 3$ **17** $y = 2(x-1) - 2 \rightarrow -2x + y + 4 = 0 \rightarrow y = 2x - 4$

26



a) 35 *m* *b)* 7,15 *seg*

34

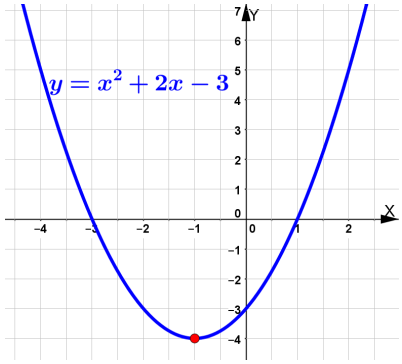


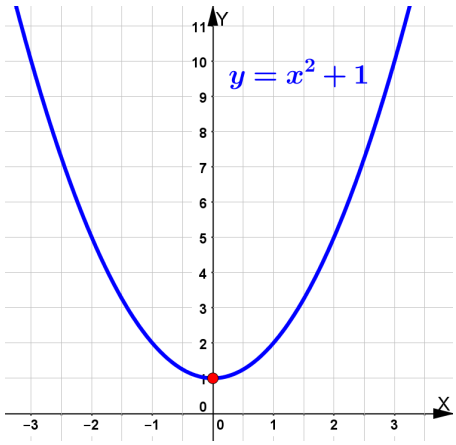
La pendiente es -9*; es decreciente*

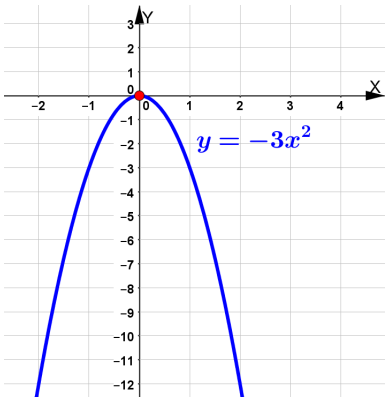
48 *a)* $y = \frac{1}{2}x + 2$; $x - 2y + 4 = 0$

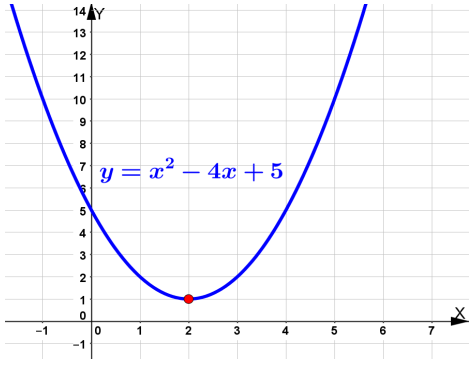
****

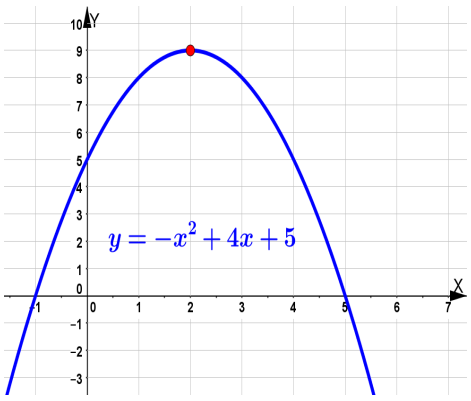
6



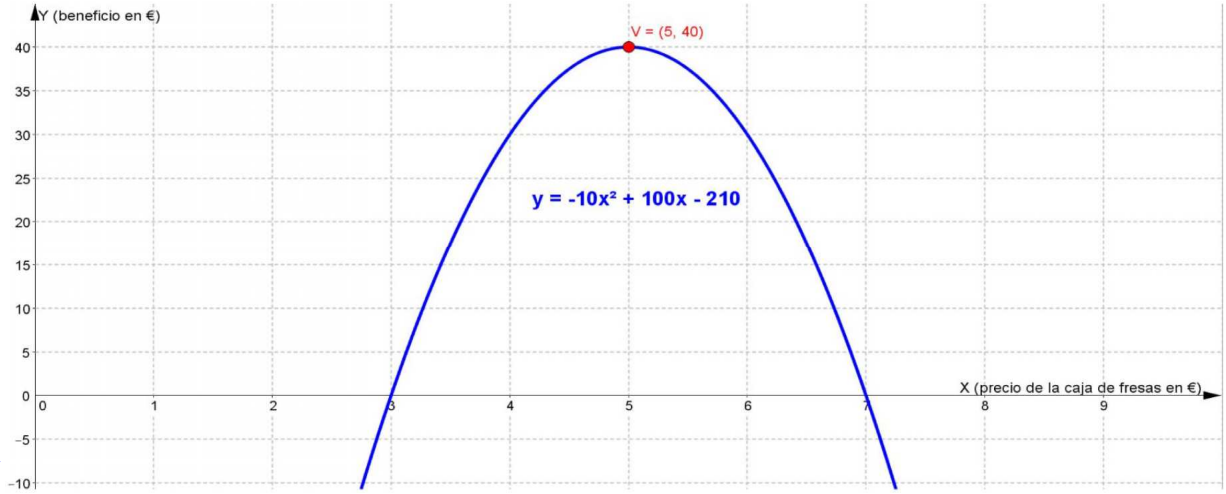






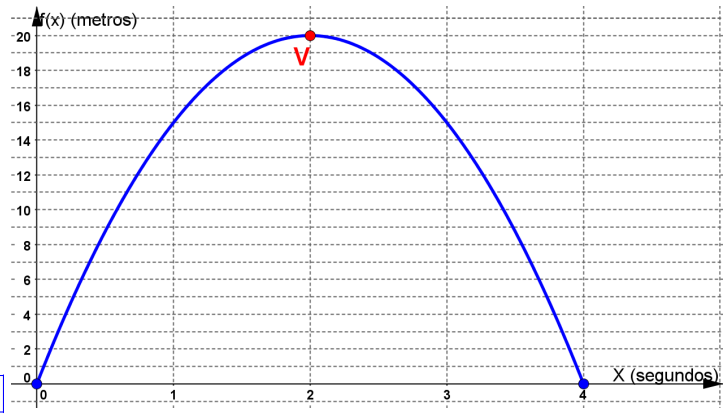


7



b) Debe vender cada caja a 5 € y el beneficio es 40 €

8



b) 20 metros a los 2 segundos

Actividades del libro: 22 y 55

22 I a) V(1, –4) mín. b) Sí, (–1, 0), (3, 0) c) Sí, (0, –3) d) x = 1

II a) V(0, 4) máx.. b) Sí, (–2, 0), (2, 0) c) Sí, (0, 4) d) x = 0

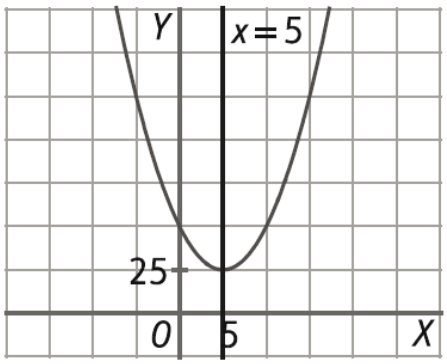
55

a) Vértice: (5, 25) Mínimo

b) No.

c) Sí, (0, 50).

d)

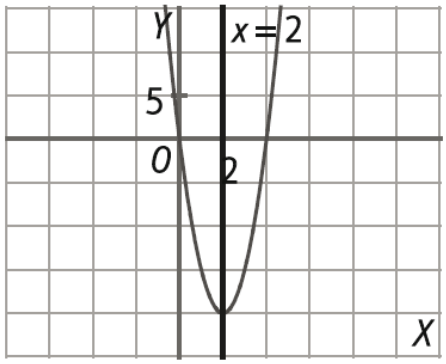


Eje de simetría: $x = 5$

Vértice: (2, –20) Mínimo

Sí, (0, 0) y (4, 0)

Sí, (0, 0).



Eje de simetría: $x = 2$