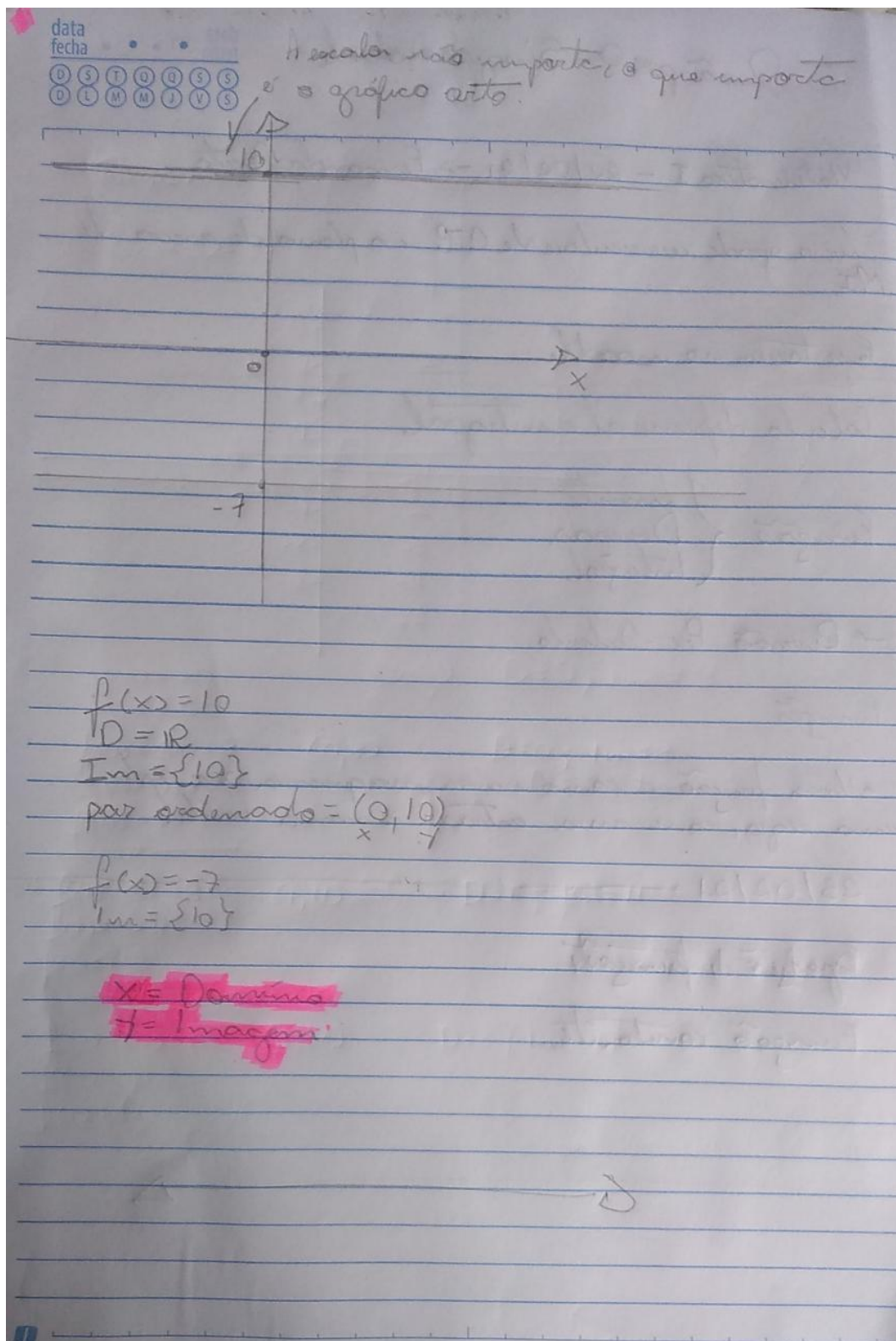


# Matemática 1- Gráficos

**Função Constante:**



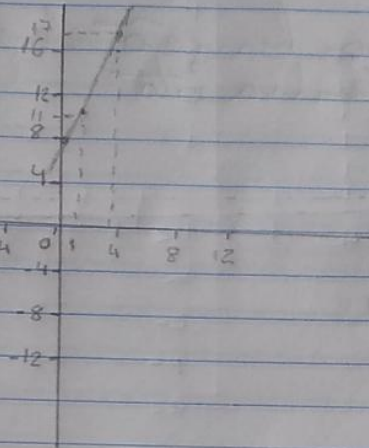
## Função do primeiro grau:

data  
fecha

D S T Q S S  
D L M M J V S

Tarea:  $\rightarrow$  Gráficas anteriores

a)  $f(x) = 3x + 8$



$f(0) = 3 \cdot 0 + 8$      $(0, 8)$      $D=0; Im=8$

$f(0) = 0 + 8$

$f(0) = 8$

—— // ——

$f(1) = 3 \cdot 1 + 8$      $(1, 11)$      $D=1; Im=11$

$f(1) = 3 + 8$

$f(1) = 11$

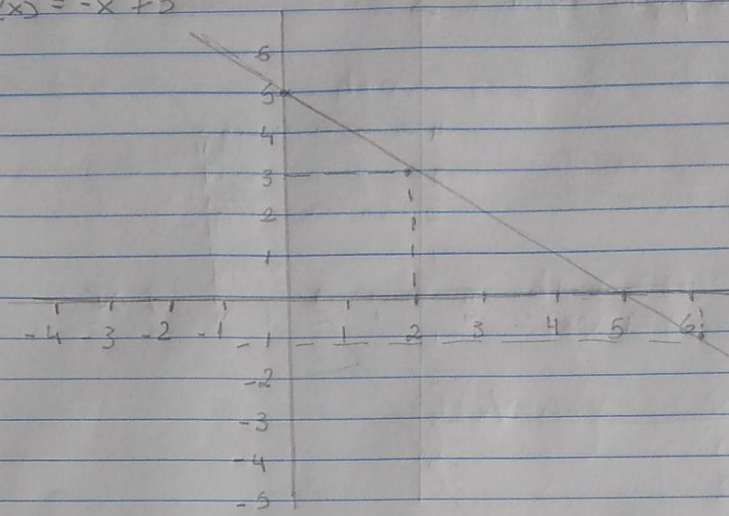
—— // ——

$f(3) = 3 \cdot 3 + 8$      $(3, 17)$      $D=3; Im=17$

$f(3) = 9 + 8$

$f(3) = 17$

b)  $f(x) = -x + 5$



$f(0) = -0 + 5$  and  $(0, 5)$   $D=0$ ;  $lm=5$

$f(0) = 5$

$f(2) = -2 + 5$

$(2, 3)$   $D=2$ ;  $lm=3$

$f(2) = 3$

$f(-1) = -(-1) + 5$

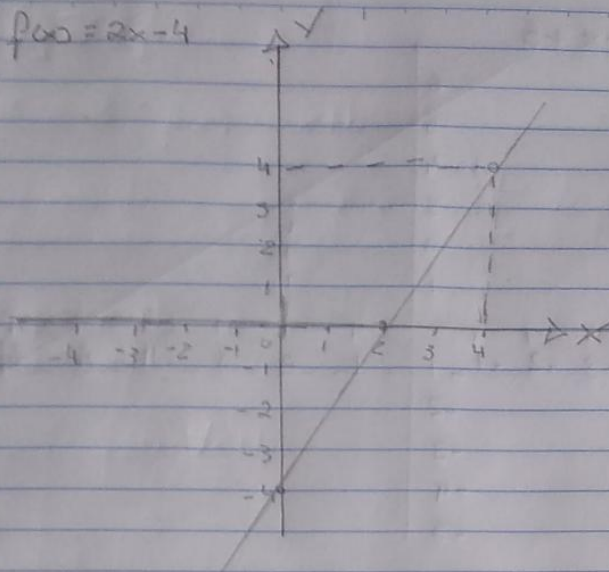
$(-1, 6)$   $D=-1$ ;  $lm=6$

$f(-1) = 1 + 5$

$f(-1) = 6$



C)  $f(x) = 2x - 4$



$f(0) = 2 \cdot 0 - 4 = -4$   $(0, -4)$   $D=0$ ;  $Im=-4$

$f(0) = 0 - 4$

$f(0) = -4$

||

$f(2) = 2 \cdot 2 - 4 = 0$   $(2, 0)$   $D=2$ ,  $Im=0$

$f(2) = 4 - 4$

$f(2) = 0$

||

$f(4) = 2 \cdot 4 - 4 = 4$   $(4, 4)$   $D=4$ ;  $Im=4$

$f(4) = 8 - 4$

$f(4) = 4$

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