Funções Modulares – Tarefa

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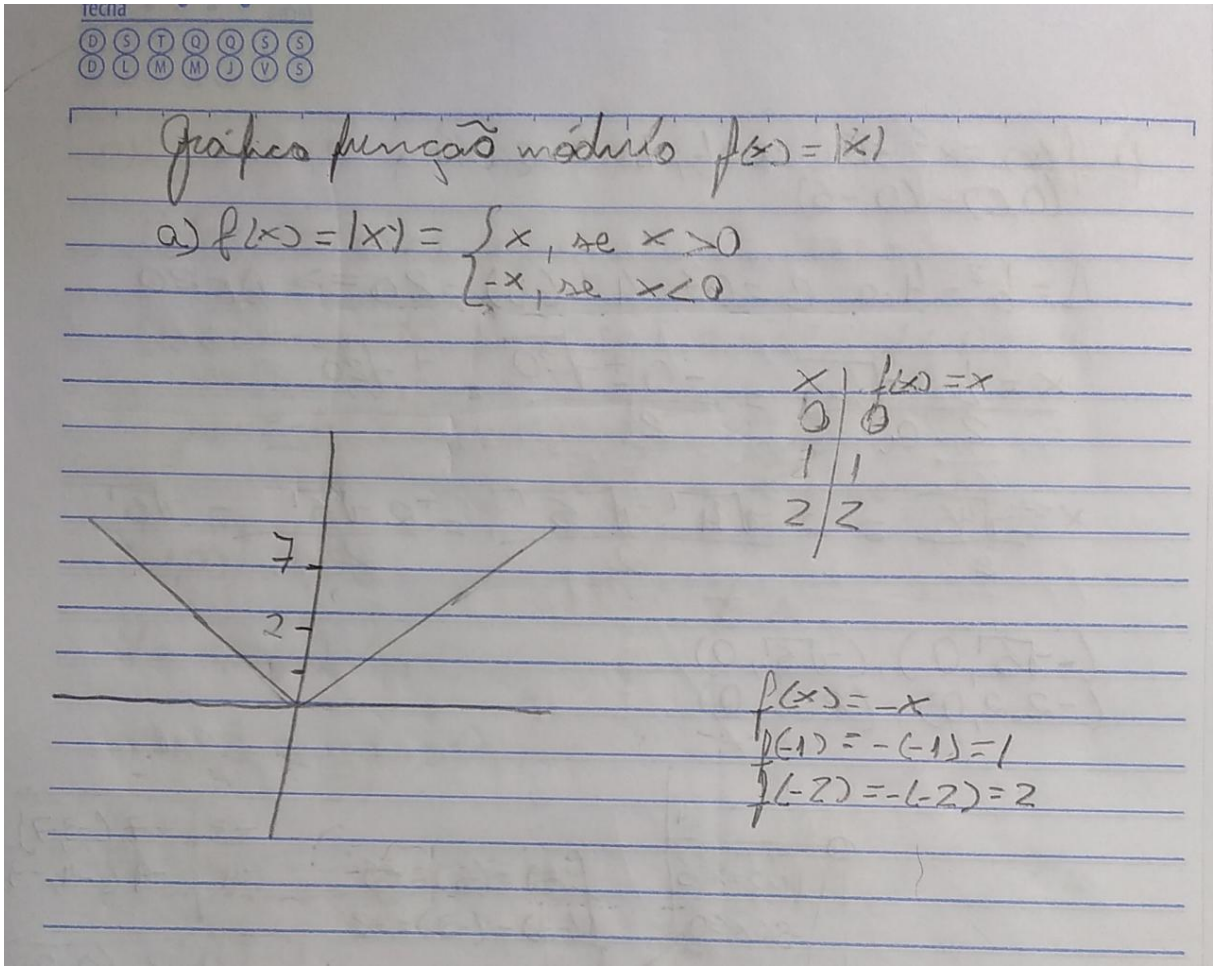
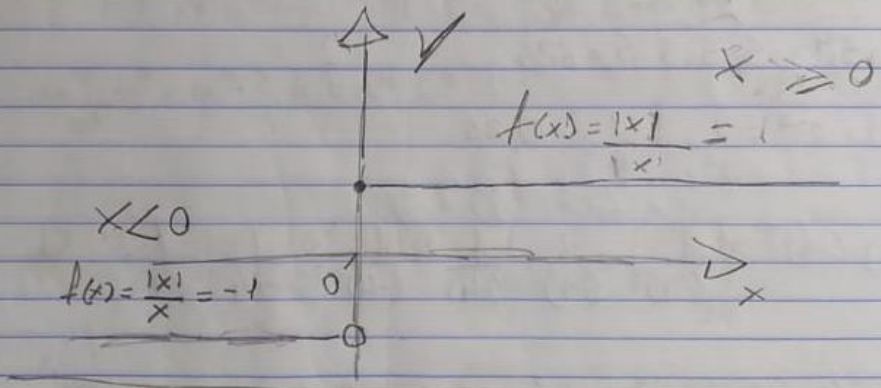


e) $f(x) = \frac{|1|}{x} = \begin{cases} \frac{x}{x} = 1 & , \text{se } x \geq 0 \\ \frac{-x}{x} = -1 & , \text{se } x < 0 \end{cases}$

$f(3) = \frac{3}{3} = 1$

$f(-3) = \frac{|-3|}{-3} = \frac{3}{-3} = -1$



f) $f(x) = \frac{|x-1|}{x-1}$ $\quad \frac{x-1}{x-1} = 1$, se $x \geq 1$

$\frac{(x-1)}{x-1} = -1$, se $x < 1$