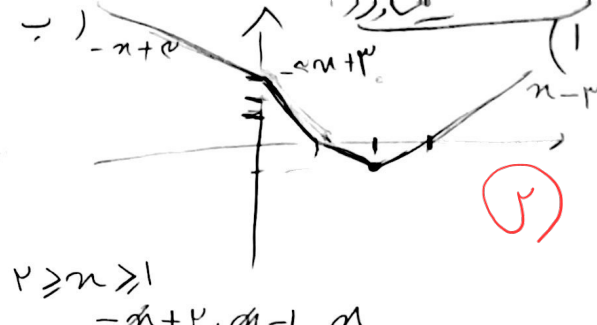
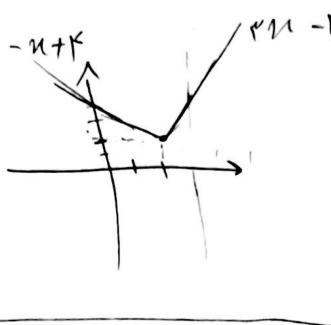


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الف)  $x + |2x - 4|$   
 $+x - 2x + 4$   
 $-x + 4$



$R = [1, +\infty)$

$x \leq 0 \Rightarrow -x + 2 - x + 1 + x$   
 $-x + 3$

$R = [-1, +\infty)$

$2 \geq x \geq 1$

$-x + 2 + x - 1 - x$   
 $-x + 1$

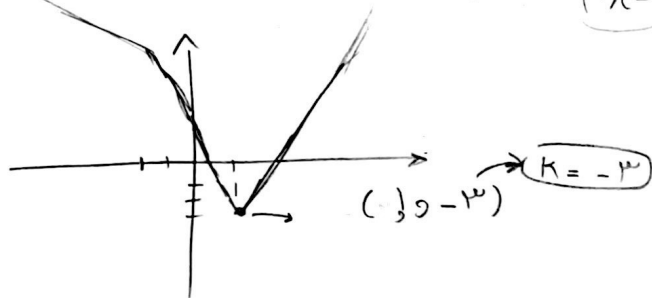
$0 \leq x < 1 \Rightarrow -x + 2 - x + 1 - x$   
 $-3x + 3$

به دلیل نقوش نامر نام خانوادگی نفوذ شده من باشد

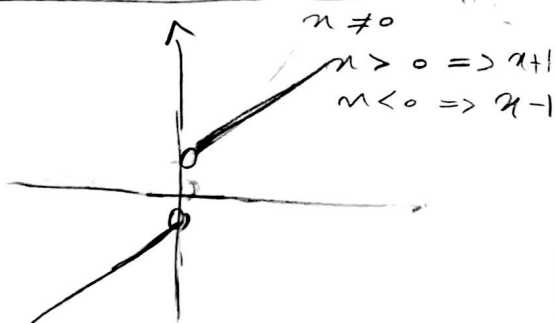
$|2x - 4| - (x + 2) = k$

$x > 2 \Rightarrow 2x - 4 = k$   
 $2x - 4 = k$   
 $-2x + 4 = k$

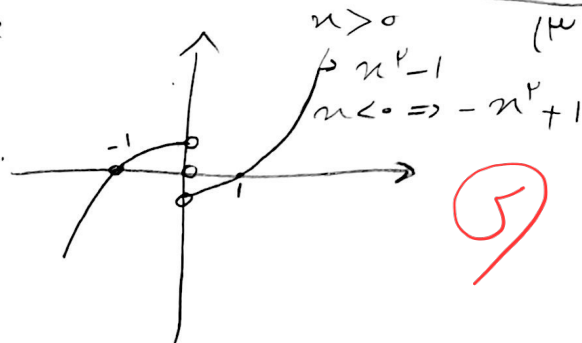
$-2x + 2 + x + 2$   
 $-x + 4 = k$



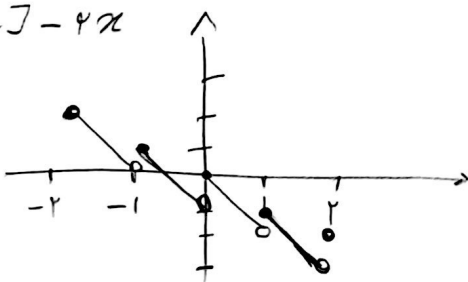
الف)



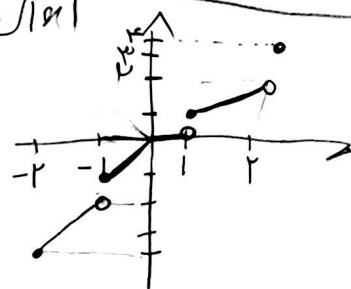
ب)



الف)  $[x] - 4x$



ب)  $[x] |x|$



$[0, 4]$

$[0, 1]$

$(-\infty, 0)$

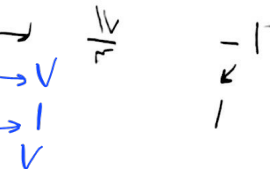
$[0, 0)$

$(-1, 0]$

الف)  $\rightarrow [-\sqrt{2}e + \sqrt{2}e]$  ب)  $[-5 + 5]$  (1,0)

ج)  $[-\sqrt{2}e + \sqrt{2}e] \Rightarrow - \leq [e, 5]$  نقطة اربعة

الف)  $\rightarrow$    $R = [0, 1]$

ب)  $\rightarrow$    $R = [1, 1]$

الف)  $\sin^2 + c \cdot s^2 + 3 \cos s^2 = RF = [1, 4]$

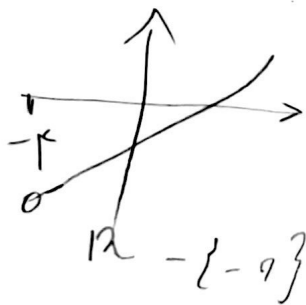
ب)  $\rightarrow \frac{2c \cdot s}{\sin} \Rightarrow \sin 2\pi \Rightarrow [-1, 1]$

الف)  $\rightarrow [1, 5]$

ب)  $\rightarrow [1, 5]$  (1,5)

$\sin^2 \frac{1 - c \cdot s}{1 + c \cdot s} = \frac{1 - c \cdot s}{1 + c \cdot s} \Rightarrow RF = \{0\}$

الف)  $2x^2 + 5x - 3 \sqrt{x+2}$



ب)  $x^2 + x + 1$

$|G| \rightarrow 3$

$R = \{3\}$

$R = [\frac{3}{2}, +\infty)$

