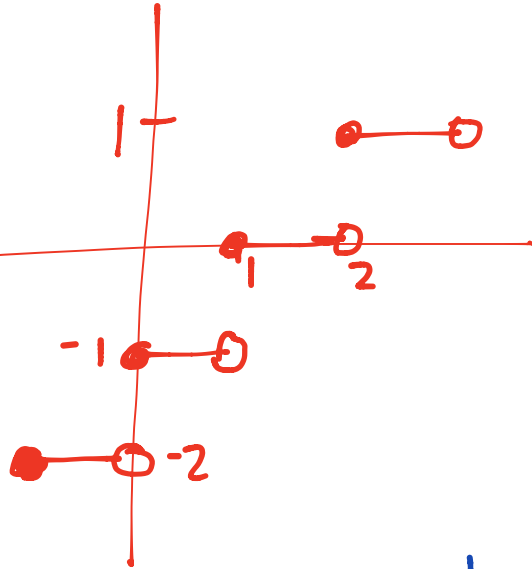


$$f(x) = [x] - 1$$

$$D: \mathbb{R}$$

$$R: \mathbb{Z}$$

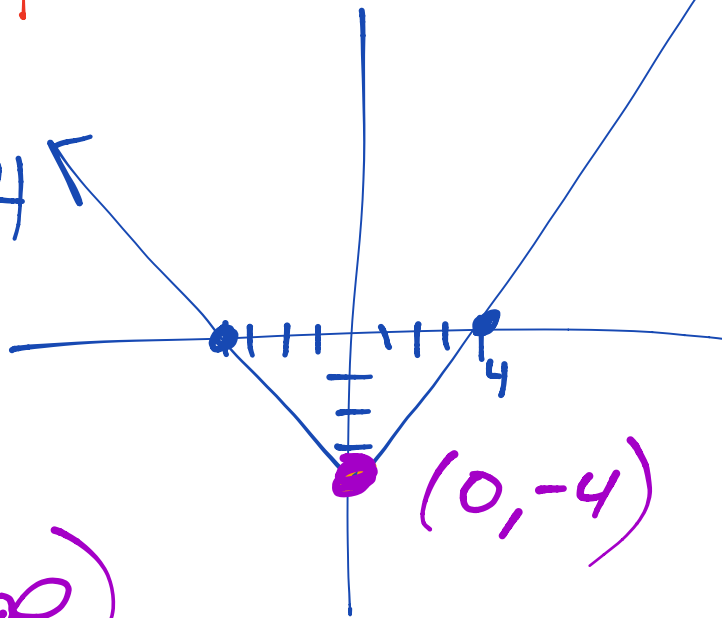
(integers)



$$f(x) = |x| - 4$$

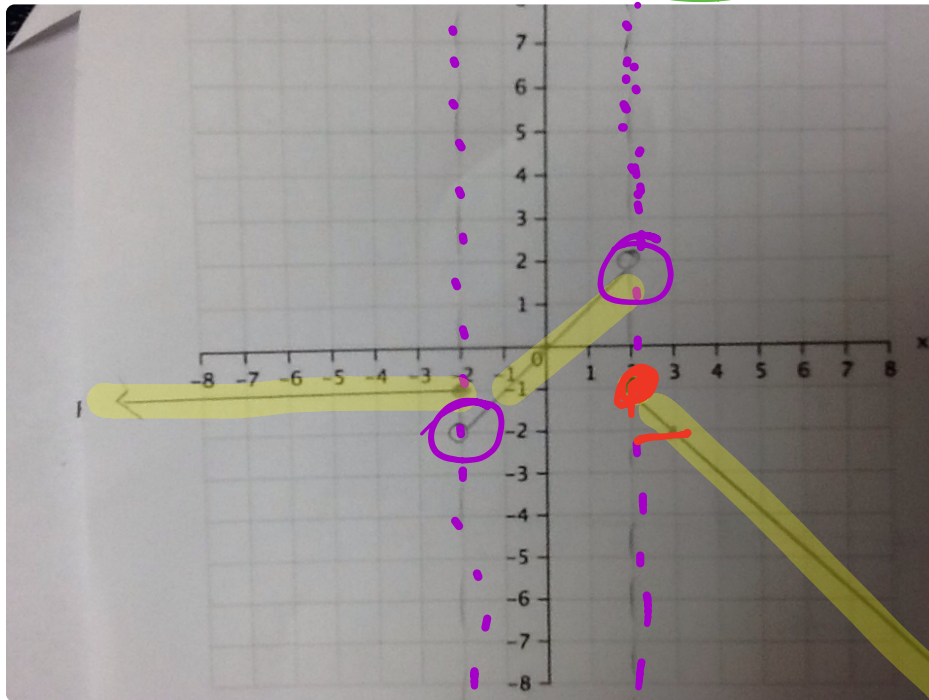
$$D: \mathbb{R}$$

$$R: [-4, \infty)$$



$$f(x) = \begin{cases} -1, & x \leq -2 \\ x, & -2 < x < 2 \\ -x+1, & x \geq 2 \end{cases}$$

$y = -1$   
 $y = x$   
 $y = -x+1$



$D: \mathbb{R}$   
 $R: (-\infty, 2)$



$$(3, 15) \quad (7, 12)$$

$$m = \frac{12 - 15}{7 - 3} = \frac{-3}{4}$$

$$y = mx + b$$

$$15 = \frac{-3}{4} \cdot 3 + b$$

$$15 = \frac{-9}{4} + b$$

$$\frac{69}{4} = b$$

$$y = \frac{-3}{4}x + \frac{69}{4}$$

(2T)  $y = [x] - 1$

x	1	1.1	1.2	1.3	1.4	1.9	1.999
y	0	0	0	0	0	0	0

$[1.1] - 1$

