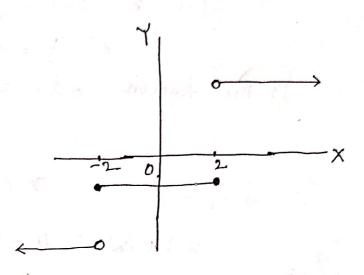
graphs of several Functions

A: volum x2-2; y=-4

volum -24x42; y=-1

volum x>2; y=3

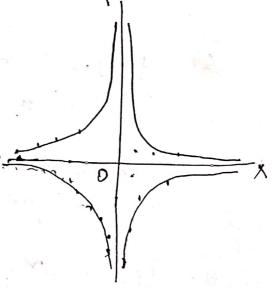


a: Draw the graph of f(x) = 1x; where xER.

 χ : -4, -3, -2, -1, 0, 1, 2, 3. \sim \sim γ : $-\frac{1}{4}$, $-\frac{1}{3}$, $-\frac{1}{2}$, -1, ∞ 1, $\frac{1}{2}$, $\frac{1}{3}$ - \sim

ス: 一切 ,一方 ,一元 ,一1 , 2 , 1 え , 1 3 分: 一切 ,一3 ,一2 ,一1 ∞ , 1 , 2 , 3 二

分: 一4 ,一3 ,一2 ,一1 ∞ , 1 , 2 , 3 二



Q: Sketch we graph of $f(x) = \int_{0}^{-1} \frac{1}{y} \frac{1}{x \ge 0}$ $\frac{1}{x+2}, x > 0$

Q. Draw The graph of f(x) = 1x1+1x+11.

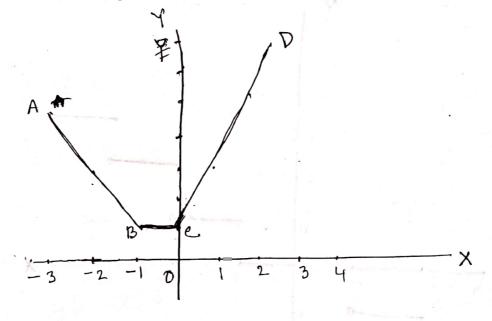
A:- when x LO;

$$\chi: -\frac{1}{4}, -\frac{1}{3}, -\frac{1}{2}, -1, -2, -3$$

when
$$x=0$$
; $\chi=0$ $y=1$

when x>0;

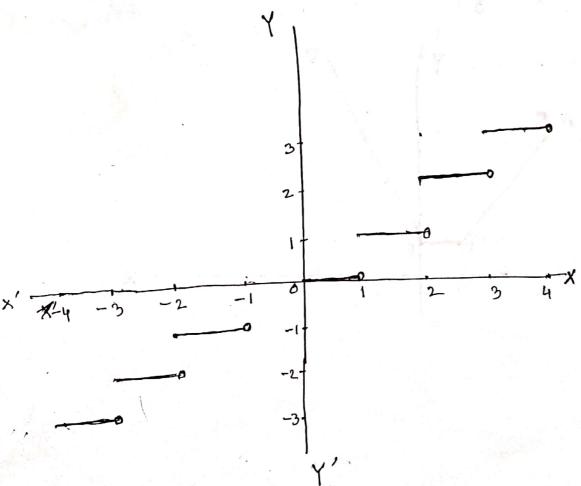
$$\chi$$
: $\frac{1}{3}$, $\frac{1}{2}$, 1, 2, 3, $4 - - - \frac{1}{3}$
 y : $\frac{5}{3}$, 2 , 3, 5, 7, $9 - - - \frac{1}{3}$



Q: Draw the graph of f(x) = [x], where [x] denotes the greatest integer positive or negative but not numerically greater than x.

A:- y = f(x) = [x] may be written as $f(x) = 0; 0 \le x < 1$ $= 1; 1 \le x < 2$ $= 2; 2 \le x < 3$ $= 3; 3 \le x < 4$ and so on.

$$f(x) = -1$$
; $-2 \le x < -1$
= -2 ; $-3 \le x < -2$
= -3 ; $-4 \le x < -3$
and so on.



a: Draw the graph of $f(x) = \frac{1}{x}$; $x \in \mathbb{R}$. 76: -5, -4 -3, -2, -1,0,1, 2, 3, 4, 5 サイーち、一十、一方、一九、一1、0、1、九、方、七、方 入:一方,一方,一方,一方,一1,0,1,左,方,子,方 $\forall: -5, -4, -3, -2, -1, \infty, 1, 2, 3, 4, 5$