Exp: Example

iff: (=>) if and only if

Y: for all

7: there exist

E: belongs to

//: Parallel

L: Perpendicular (normal)
(orthogonal)

D: Pomain Up values of x

R: Range Use value of y

IR: Real numbers

Def: definition

Th: Theorem

Q. : Question

A. : Answer

D(f): domain of f

R(f): range of f

s.t: such that cin

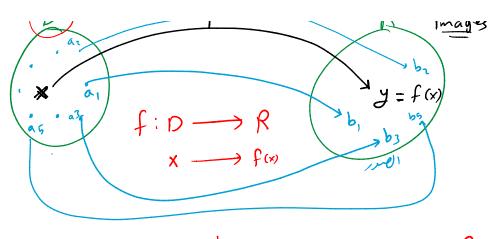
Ch1: Function

f(x) = 2x - 1 y = 2x - 1

1- v= (= (v)~

y ← v4 v ← v

P images



function f is rule from D to R s.t

f assigns to each point $x \in D$ a unique point

 $y = f(x) \in \mathbb{R}$

$$f(x) = x^{2}$$

$$y = x^{2}$$
 is function

 $D(f) = IR = (-\infty, \infty)$ $R(f) = [0, \infty) = IR^{+}$

۵: ما همي تميم x المسعوج تعرف کي الانتران م : مامي غم لا النابَحة عن تعويض مخ ×

x2+72=1 function

