State all the subset(s) of the Real #'s to which each			
$\sqrt{15}$	$\frac{736}{-16}$	5.4	7.60
Irration because isn't a perf square th would give decimal th doesn't rep or termina	Ration (it's alread a fraction since it rea equals - it's also an Interge But since in negative i not a Whi or Natural	Ration (it's a repeatin decima But it's r an Inteo Whole #. Natural # c to it's decin portio	Ration (it's ; terminati decim; But it's r an Inteo Whole #. Natural # c to it's decin portio



Sec 2-1: Relations and Fur

Sec 2-1: Relations and Functions

Relation

A set of ordered pairs

(a bunch of points)

Function

A kind of relation where each x is paired with one and only one y.

Each input produces only one output

Which of the following is correct?

1 Every Relation is a Function

2. Every Function is a Relation





2. Tell if each of the following is a Function or Not a Function.
a) (4,3), (3,-9), (6,1), (-6,3)
i > No x-value rep
b) (-5,-2), (11,-1), (-5,6), (8,4)

 N_{O} the x-value of -5 appears more the

Is each of the following relations a function? a) (1,3),(2,3),(-4,-1),(5,5)

Yes. no x-value rei

b) $(-7,4), (\underline{-1},9), (9,3), (\underline{-1},6)$

No. the x-value -1 appears more t



Tell if each of the following is a Function or Not a Function.

c)



YE: no vertical line will inters arabh more than



there is at least one v line that will intersect th more than or

