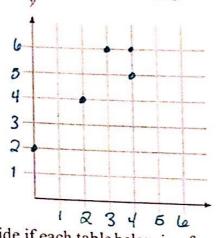
				Date:			Hann	
2 Day 9:	Function	ns vs. Re	elations				_ Hour:	
us Question:	How can I t	ell if a rela	tionship is a	function?	-			
						Y		A.
Functioning N	anchin ac it	n Relations	nips				100	(A)
Define Relation	Want of	pertains to	everyday li	fe		412	THE A	
	11000	respit are pr	irea up			21	F12	
mathematics a	relation is	anything t	hat can cor	ne in naire		1-6	No.	
2. What are so ordered p	some ways t	that we can	show relation	ons in math?			a .	
IV/DV								
3. What doe	es function n	nean in you	r normal eve	ry day usage	?			
					W.			
4. What ar	o come thin	ac that make	a/halm a ralat	ionghin fund	tion?		10.0	
4. Wilat ai	e some tim	gs marmak	emeip a reia	nonship runc	etion?			
Arman and the second								
alve		1.00		The state of the s		X-Va	1.0	
F <b>unction</b> in m						The second secon		Transaction of the Control of the Co
related depen Erson can dat Or, relationship	e as many popular popu	eople as the ction if you o	y want (relation that the same distributed in the same personal same personal same distributed in the	ion), but they on at a time.	y can only n	narry one per	son at a time	(function)
5. Both g	raphs belov	w are relation	ons, but only	one of them	is a function	on; which one a function only one y alue of 5 not a function	: <del></del> Ex	ipiain.
, , , ,		ion.			A is	a tunetion	because each	1 X-value
A		Func.	3	X O	has o	nly one y	-value Gray	h"B" H
	•	14 20		· Justa	KION X-10	lue of 5	has Qu	-value a
A the		may ( )		The state of the s	: +:	22. 1	. 3	10-57 80
		•			,,,	noi a tunci	0/1	
1.5 Jan. 10 10 1		<del>\</del> • • •	1234	5				
"The vertical	line tést" is	a short cut	for determin	ing if a graph	is a function	on. Because in	ndependent v	ariables a
on the x axis.	you can ima	gine a vertic	al line. If the	e graph touch	nes the verti	cal line in mo	ore than I pla	ce, then it
is not a funct	ion. This is b	ecause each	point the gra	aph touches	your vertica	l line represer	nts a depende	ent value.
	1 0	1	11.00	Line Tall or	ما براه ما براه با	one is a Fun	ation or plain	ralation
Look back at	the 8 scatter	plots from 0	our class grap	oning. Tell w	nether each	6	7	1 8
Graph # Function or	I a	<b>L</b>	J. A.	7	Market PO Market	Contraction (Contraction)	A CONTRACTOR OF THE CONTRACTOR	J. A. S. A.
plain								
relation	t'st rel	Carlo	S. S.	1114 .				F 19
Explanation						4		

B. Tables and Functions

6. Is the table below a function?  $N_0$ 

X	у	
0	2	
$\frac{x}{0}$	4	
3	6	
4	5	
4	6	



7. What could you have looked for outable so that you wouldn't have to make graph to decide if a relation is a function

I could have just /colored at the x-values to see if there were any listed twice

8. Decide if each table below is a function or simply a relation. Explain.

×	у	Function
4	2	prime Up
2	2	wales of
0	0	repeted
-2	-2	
-4	-4	1

x	у	Just
4	4	Arelation the
2	2	x-value of of
0	0	and 4 are
(2)	-2	repeated on the table
4	-2	the table

X	у	Just a relation
4)	4	a relation
2	2	fi. the
0	0	reason as
0	2	the pres
A	4	

×	у	Function
4	2	because
2	7	becouse
0	0	no x-valuy are repented
-2	4	
-4	-4	4.

9. Marlee was given the following table and asked if it represented a function. She said "No, it is not a function because the y is always 7." Explain Marlee's error(s) in reasoning.

X	Y
-2	7
-1	7
0	7
1	7
2	7

De table of x and y values is being presented

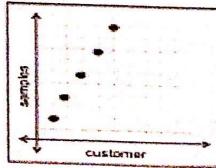
De am being asked to believe that the table is not a function because the y-value is repeated.

The y-value is repeated

Therefore is in thinking that a repeated is not a function

Decause all the x-values have only or

and function. He answered "It is a function because each x only has one y." Explain Jake's error(s)



Da graph that shows the relation between customer ord server.

Diverage asked to believe that is also a relation

1+3) It is ever is that it is almostion, but it is also a relation

between customers and samples