

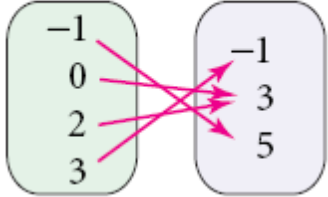
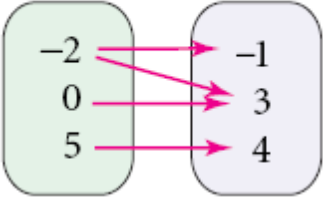
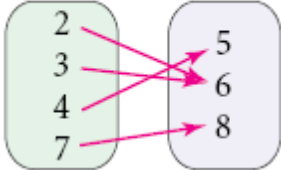
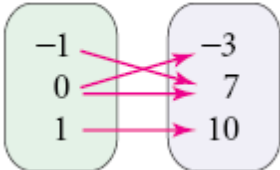
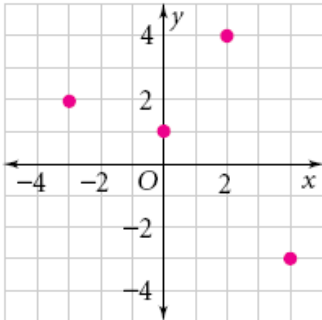
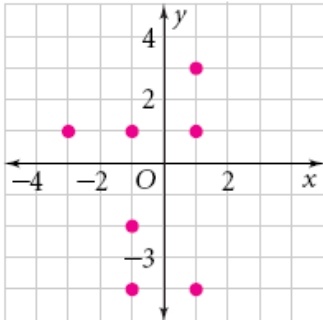
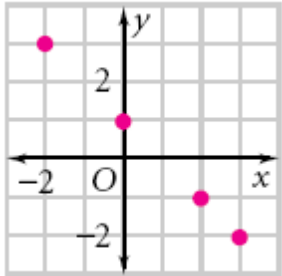
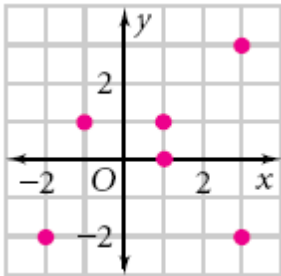
Functions versus not functions

Investigation: Compare the *functions* column with the *not functions* column.

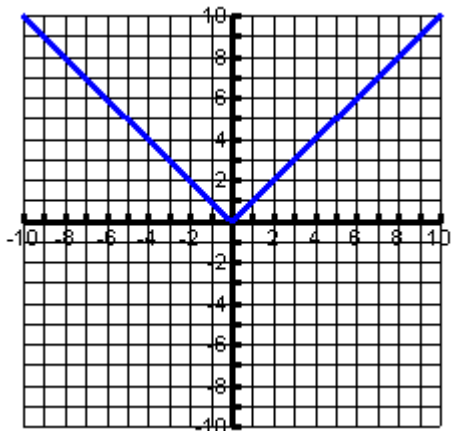
Questions: What is a function?

How can you determine a relation is a function?

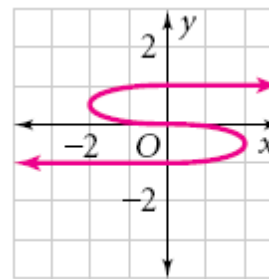
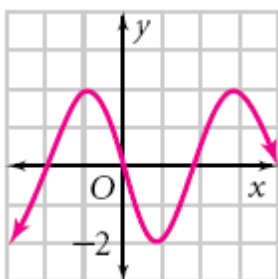
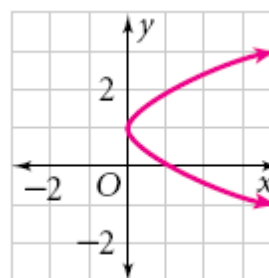
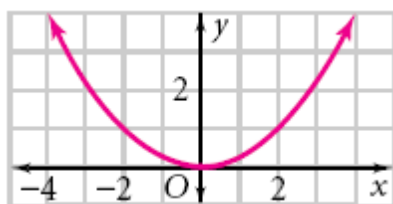
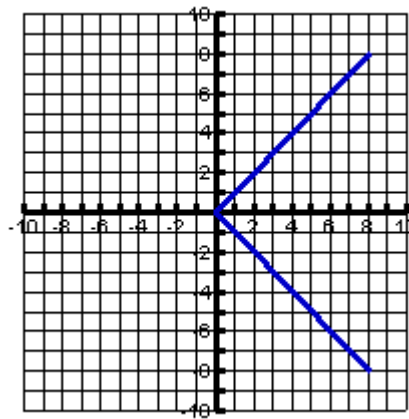
Is there a test you can use to determine if a graph is a function?

Functions	Not Functions
$\{(2,3), (3,4), (5,1), (6,2), (7,3)\}$	$\{(2,3), (3,4), (5,1), (6,2), (2,4)\}$
$\{(1, 1), (2, 2), (3, 5), (4, 10), (5, 2)\}$	$\{(1, -2), (-2, 0), (5,1), (-1,2), (1,3)\}$
<p style="margin: 0;">Domain Range</p> 	<p style="margin: 0;">Domain Range</p> 
<p style="margin: 0;">Domain Range</p> 	<p style="margin: 0;">Domain Range</p> 
	
	

Functions



Not Functions



Trino, Greg, Darius
 $(x, y) = (\text{boy's name}, \text{hair color})$



Matt, Norman, Julius
 $(x, y) = (\text{hair color}, \text{boy's name})$