

NAME _____

Section 3.2

ALGEBRA

Date 2/3/2

Period 5

Determining Functions: Practice A

Function \rightarrow No x values repeat

Determine if the following are functions... Write "function" or "not function" on the line.

<u>X</u>	1	2	3	4
<u>Y</u>	4	-2	5	-3

Function

<u>X</u>	0	8	-2	6
<u>Y</u>	7	-2	8	1

Function

<u>X</u>	4	3	4	6
<u>Y</u>	6	-1	2	6

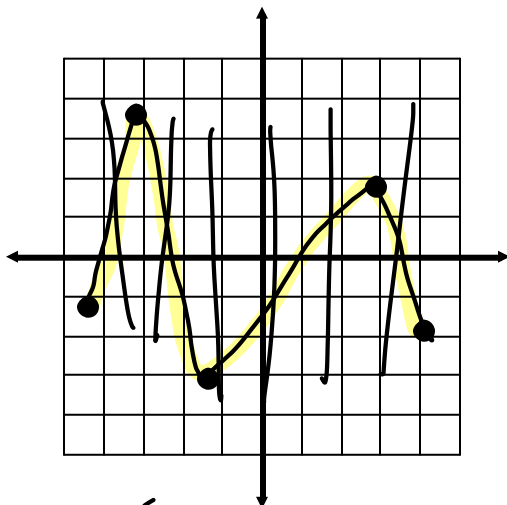
Not a Function

{ (6, 1), (4, 2), (6, -3), (2, 5) }

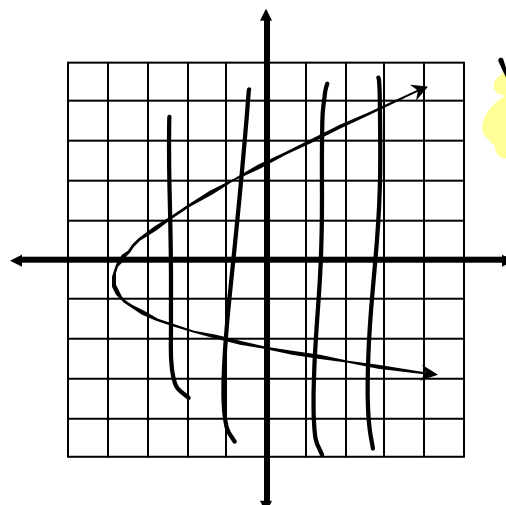
{ (5, 8), (3, -2), (-2, -5), (0, 0) }

Not a Function the x values repeat

Function No x values repeat

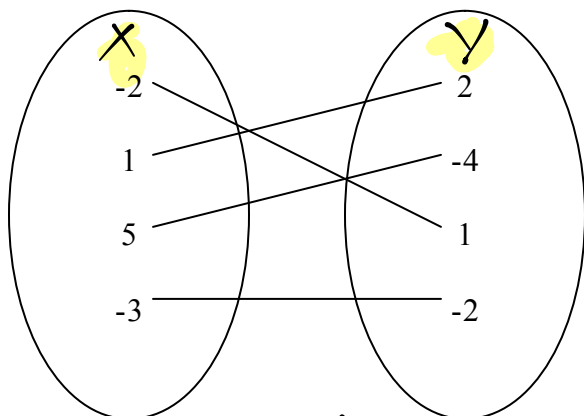


Function



Vertical line test

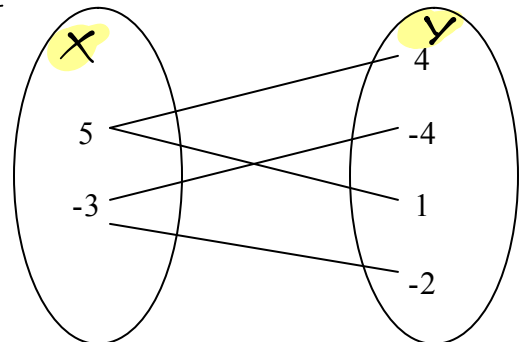
Not a Function



{ (-2, 1), (1, 2), (5, -4), (-3, -2) }

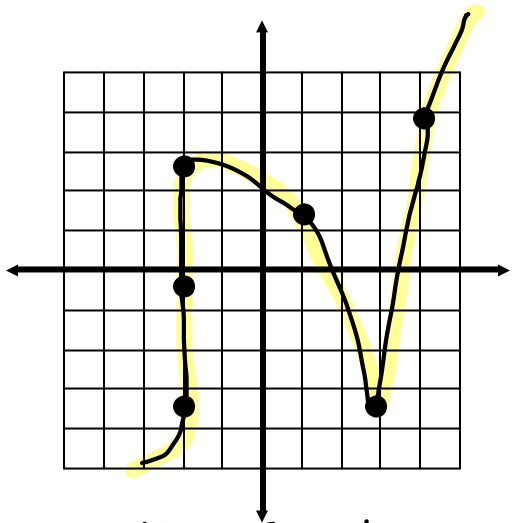
Function no x values repeat

Mapping



{ (5, 4), (5, -4), (-3, 1), (-3, -2) }

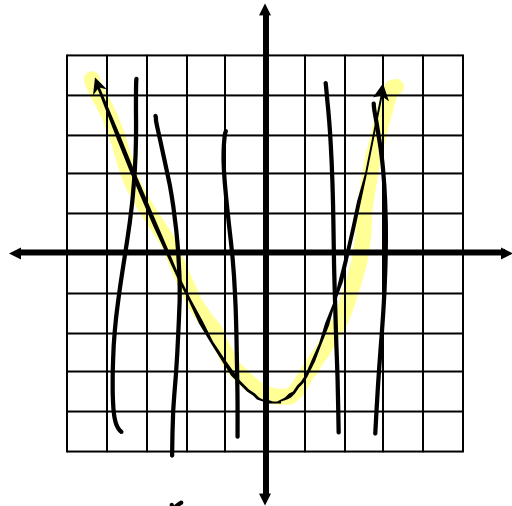
Not a Function all x values repeat



Not a Function

$\{ (2, 4), (2, 5), (2, 6), (2, 7) \}$

Not a Function



Function

$\{ (0, 0), (3, -1), (-5, -5), (4, 0) \}$

Function no x value repeat

<u>X</u>	3	3	3	3
<u>Y</u>	5	-2	1	-3

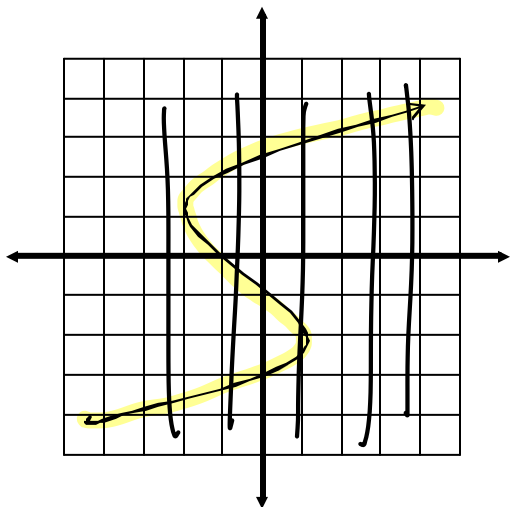
Not a Function

<u>X</u>	0	4	7	6
<u>Y</u>	1	1	1	1

Function no x values repeat

<u>X</u>	2	5	8	1
<u>Y</u>	-8	3	2	3

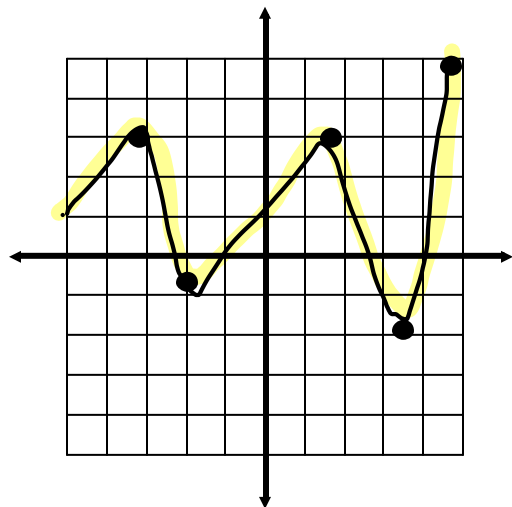
Function no x values repeat



Function

$\{ (5, 5), (4, 4), (3, 3), (2, 2) \}$

Not a Function



Not a Function

$\{ (0, 2), (0, 4), (0, 6), (0, 8) \}$

Not a Function