

Name: _____

Mrs. Roumbos

Date: _____

8R Period _____

Homework

- 1) Given the following relation:
 $\{(-2,1), (-1,0), (0,1), (-1,2)\}$

PART A:

What is the range of the relation?

Answer: _____

PART B:

What is the domain of the relation?

Answer: _____

PART C:

Explain how you arrived at your answers to Part A and Part B.

PART D:

Is the given relation a function? Why or why not?

Answer: _____

- 2) State the domain and the range,
 for $\{(-6,2), (4,3), (1,1), (-7,2), (4,2)\}$.

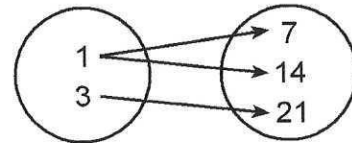
- 3) Is this relation a function? [Justify your answer.]

$\{(1,2), (5,8), (3,4), (6,3)\}$

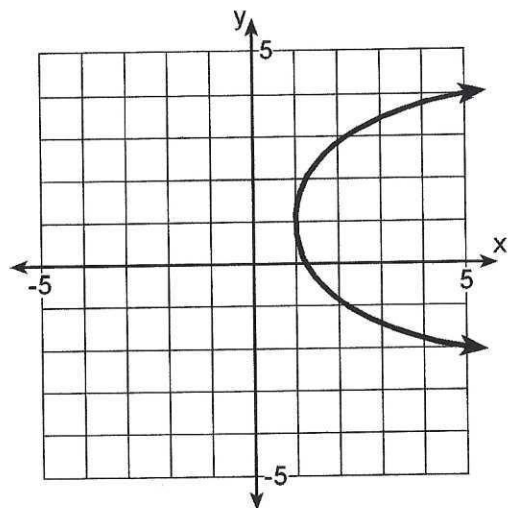
- 4) Is this relation a function? [Justify your answer.]

$\{(-4,2), (-4,1), (-4,0), (-4,-1)\}$

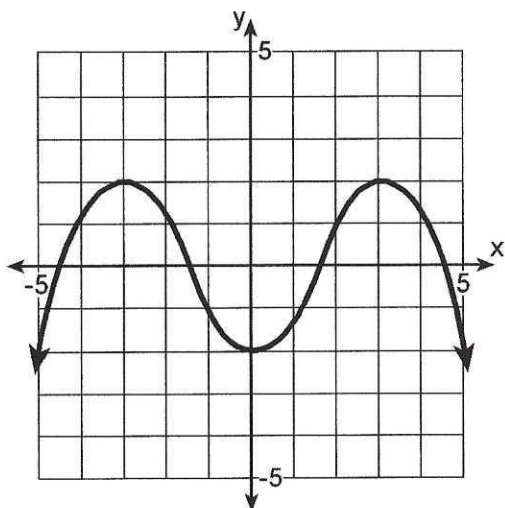
- 5) Is the following relation a function? [Justify your answer.]



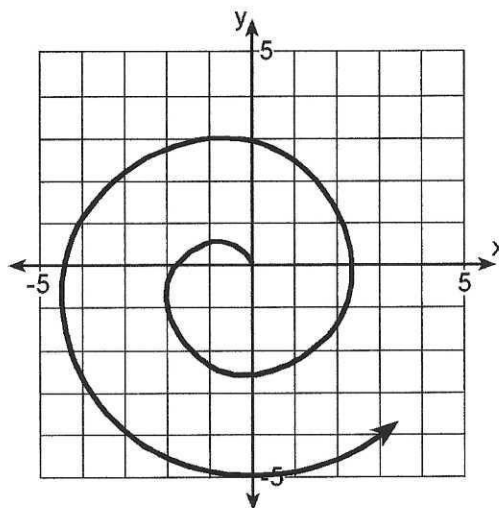
- 6) Determine if the following graph is a function. [Justify your answer.]



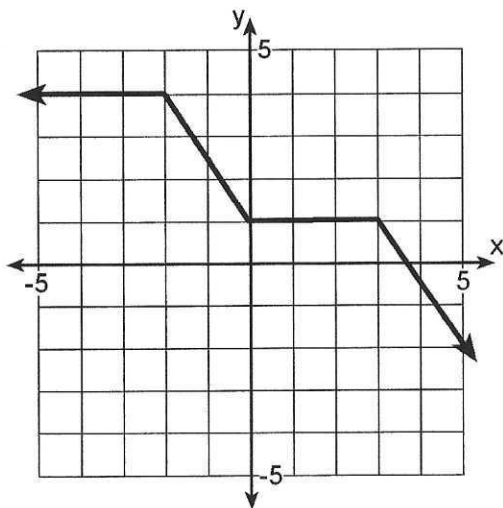
- 7) Determine if the following graph is a function. [*Justify your answer.*]



- 9) Determine if the following graph is a function. [*Justify your answer.*]



- 8) Determine if the following graph is a function. [*Justify your answer.*]



- 10) Determine if the following graph is a function. [*Justify your answer.*]

