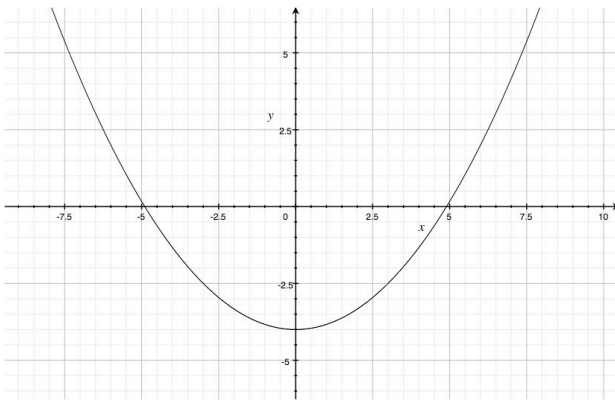# STATION F

What is the definition of a Function?
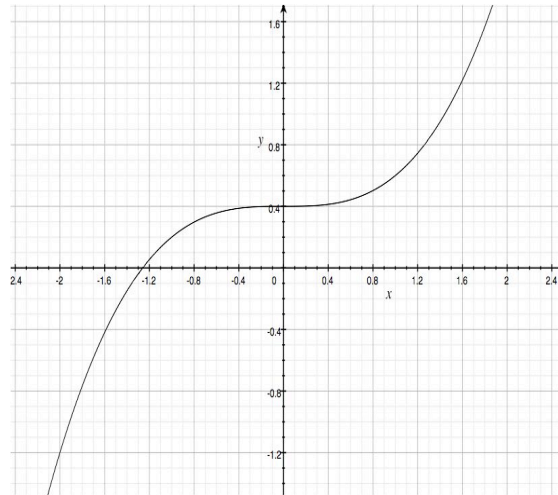
STATION U

Which of the following Graphs are Functions. Explain
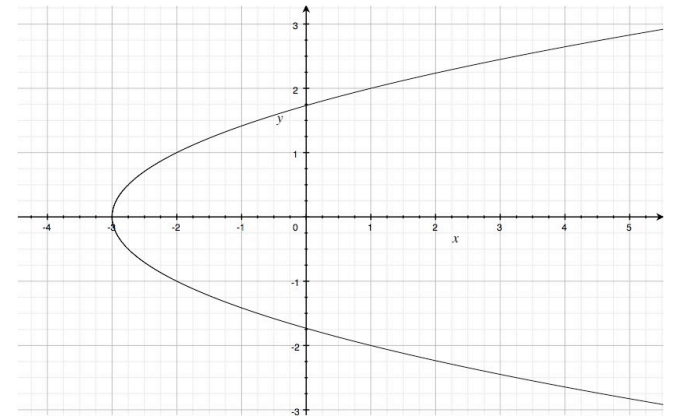How you know

a.

b.

c.

STATION N

Find the following function values for $f(x) = 5x - 8$

a. $f(0)$ b. $f(1)$ c. $f(-7)$

d. $f(100)$ e. $f(t)$ f. $3f(t)$

STATION C

Determine which of the following sets of relations is NOT a function. Explain how you know it's not.

a. { (-2, 4), (1, 5), (-4, -6), (8, 2)}
b. { (6, 0), (5, -7), (6, -4), (-1, 8) }
c. {(1, 2), (-3, 2), (-5, 2), (8, 2)}
d. {(3, 5), (1000, -1), (-1000, 9), (1, 4)}

STATION T

Fill in the links sheet for the function given. Attach the links sheet to your Lab.

STATION I

Draw a quick sketch of

a) a relation that is not a function

a relation that is a function

STATION O

What is the only type of linear graph that is not a function? Draw a quick sketch to show why it's not a function

STATION N

Determine whether the following equations are functions by using the replacement set

x= { -2, -1, 0, 1, 2}

  b. $-3x + y = 8$

  c. $y = 4$
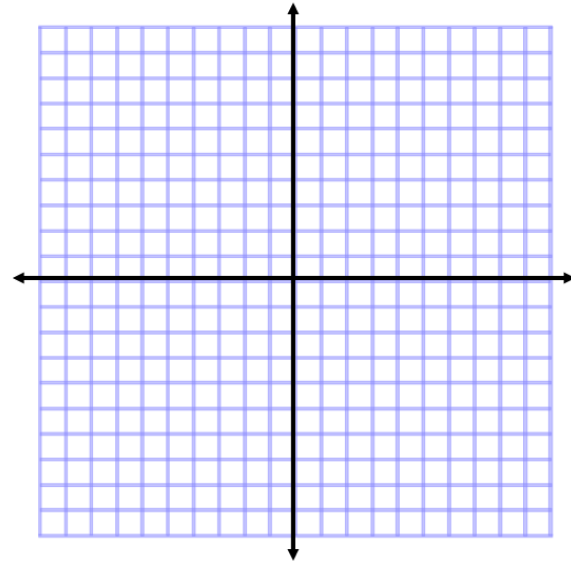
  d. $x^2 -1 = y$

Ordered Pairs

Coordinate Plane

Table of Values

Equation

$$y = 2x^2 - 4x + 1$$