

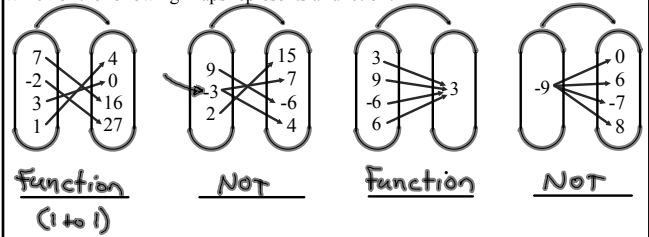
Algebra II

G-4

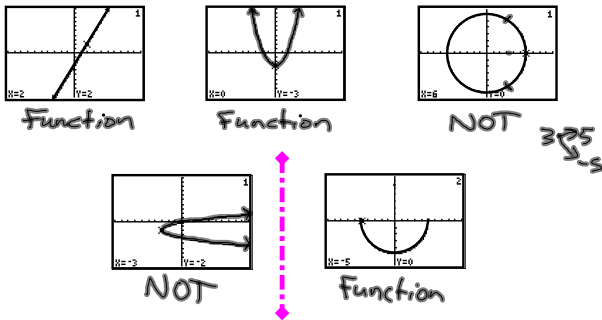
Functions

Function - A rule or a map that assigns each input to exactly one output.

Which of the following Maps represents a function?



Which of the following Graphs represents a function?



Sample Problems

Map
~~Graph~~ each relation. State whether or not it is a function. (pg. 156)

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



The domains D and rules of some functions are given. Map
Find the range of each function. (pg. 144)

- 1) $F: x \rightarrow 3 - 2x; D = \{0, 1, 2, 3\}$

old notation

$$F(x) = 3 - 2x$$

like y

$$3 - 2(0)$$

$$3 - 2(1)$$



Assignment:

Handout
for
Chapter G-4

Follow all instructions on the handout!

(Needed: 1 sheet of graph paper)