



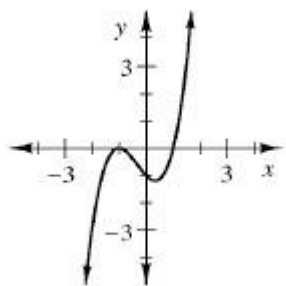
1-78. Which of the relationships below are functions? If a relationship is not a function, give a reason to support your conclusion.

a.

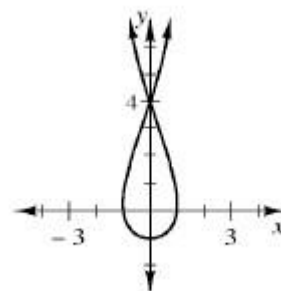
x	y
-3	19
5	19
19	0
0	-3

b.

x	7	-2	0	7	4
y	10	0	10	3	0



c.

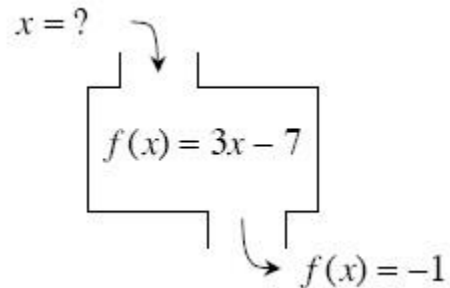


d.

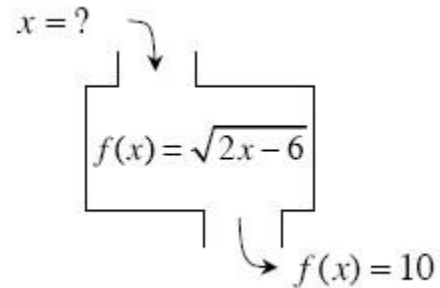
1-79. Find the x - and y -intercepts for the graphs of the relationships in problem 1-78.

1-80. Find the inputs for the following functions with the given outputs. If there is no possible input for the given output, explain why not.

a.

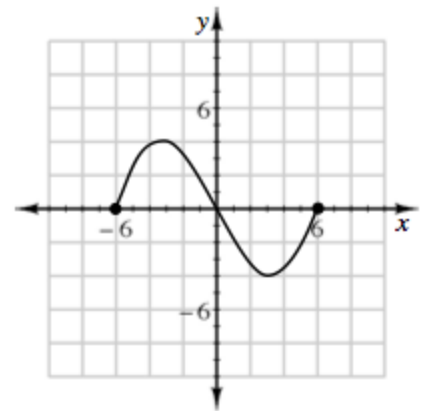


b.



1-81. Use the relationship graphed at right to answer the questions below.

- Is the relation a function?
- What is the domain?
- What is the range?



1-82. What value(s) of x will make each equation true?

a. $\sqrt[3]{x} = -2$

b. $\sqrt{x} = 12$

c. $|x + 1| = 4$