

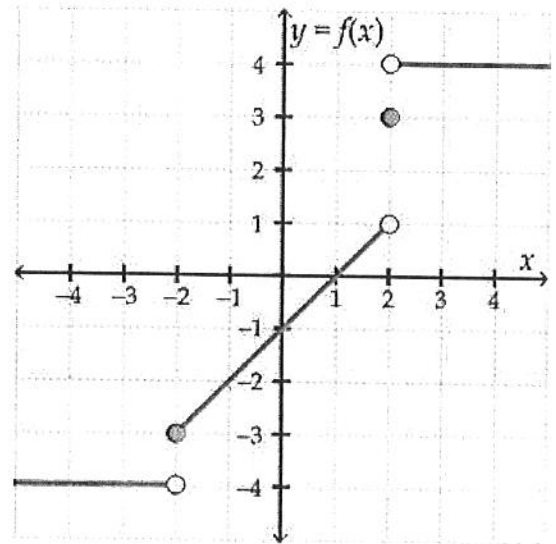
Function Notation Examples
(NOTES!!)

Name: _____

1.

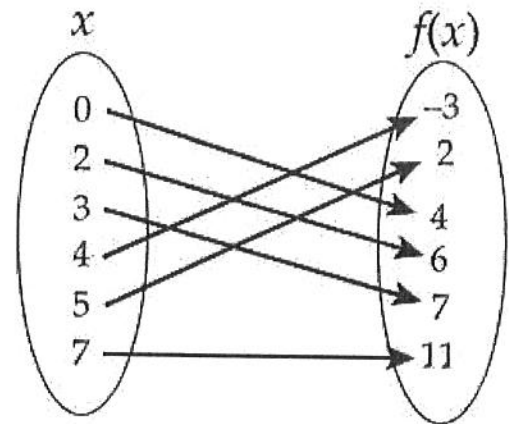
For the given function, determine

- a. $f(-3)$
- b. $f(-1)$
- c. $f(2)$
- d. a such that $f(a) = -2$



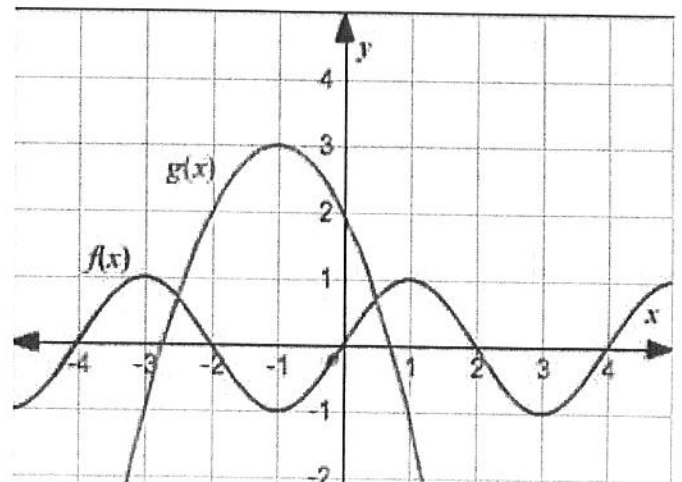
2. For the given function, determine:

- a. $f(4)$
- b. $f(7)$
- c. Some value of a such that $f(a) = 7$



3. For the given functions, determine:

- d. $f(-3)$
- e. $g(-1)$
- f. x such that $f(x) = 0$
- g. x such that $g(x) = 0$



4. For the given function, determine:

h. $f(-3)$

i. $f(-8)$

j. a such that $f(a) = 11$

x	$f(x)$
-11	-8
-8	11
-3	3
-1	0
2	-1
5	-5

5. For the function $g(t) = -5t + 8$, determine:

a. $g(-2)$

b. $g(8)$

c. t such that $g(t) = 3$

d. $g(0)$

e. The zero of function g

Sec IV CST

Answers to Function Notation Examples

Question 1

- a) $(-3, -4)$
- b) $(-1, -2)$
- c) $(2, 3)$
- d) $(-1, -2)$

Question 2

- a) $(4, -3)$
- b) $(7, 11)$
- c) $(3, 7)$

Question 3

- d) $(-3, 1)$
- e) $(-1, 3)$
- f) $\{-4, -2, 0, 2, 4\}$
- g) $\cong\{-2.8, -0.7\}$

Question 4

- h) $(-3, 3)$
- i) $(-8, 11)$
- j) $(-8, 11)$

Question 5

- a) $(-2, 18)$
- b) $(8, -32)$
- c) $(1, 3)$
- d) $(0, 8)$
- e) $(8/5, 0)$