

You must complete this before retaking the MC again. Remember it is all about LEARNING so take your time and learn how to do these skills. If you need help please ask!

Name: \_\_\_\_\_

### CA 1.3

Directions: Tell whether each pairing is a function.

1)

Input	6	-6	4	-5
Output	4	13	2	10

3)

Input	0	1	2	3
Output	0	0	0	0

5)

Input	12	3	7	3
Output	5	12	0	4

7) Make a table for the function.

$$y = -x + 2$$

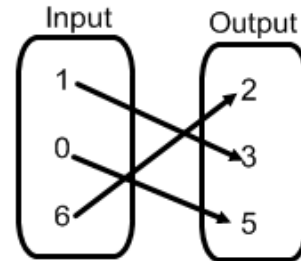
Domain: -5, -3, 0, 2

9) Make a table for the function.

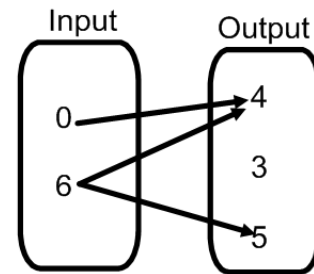
$$y = 2x - 4$$

Domain: -5, -3, 0, 2

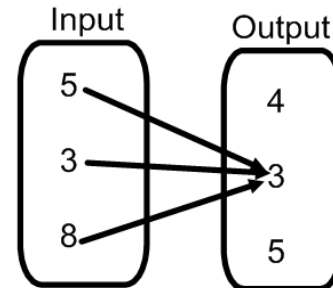
2)



4)



6)



8) Make a table for the function.

$$y = \frac{x+2}{2}$$

Domain: -4, -2, 0, 6

10) Make a table for the function.

$$y = \frac{-2x-4}{2}$$

Domain: -4, -2, 0, 6

11) a. Identify the Domain and Range:

Input, x	1	2	3	4
Output, y	5	10	15	20

b. Make a rule for the function in a.

13) a. Identify the Domain and Range:

Input, x	-6	-4	-2	0
Output, y	0	2	4	6

b. Make a rule for the function in a.

12) a. Identify the Domain and Range:

Input, x	10	14	18	22
Output, y	3	7	11	15

b. Make a rule for the function in a.

14) a. Identify the Domain and Range:

Input, x	8	11	14	17
Output, y	16	22	28	34

b. Make a rule for the function in a.

ANSWERS TO CORRECTIVE ASSIGNMENT:

Make sure you check all your answers and make sure you KNOW how to do all of them. You could simply copy answers but that's not the point. The point is that you have to learn how to do this so please make sure that for any you don't understand you get help BEFORE taking the Mastery Check again.

- 1) Yes, each input has only 1 output.
- 2) Yes, each input has only 1 output.
- 3) Yes, each input has only 1 output.
- 4) No, 6 has 2 outputs
- 5) No, 3 has 2 outputs
- 6) Yes, each input has only 1 output.
- 7)
- 8)
- 9)

Input, x	-5	-3	0	2
Output, y	7	5	2	0

Input, x	-4	-2	0	6
Output, y	-1	0	1	4

Input, x	-5	-3	0	2
Output, y	-14	-10	-4	0

10)

Input, x	-4	-2	0	6
Output, y	2	0	-2	-8

11)  $D = \{1, 2, 3, 4\}$   
 $R = \{5, 10, 15, 20\}$   
 $Y = 2x$

12)  $D = \{10, 14, 18, 22\}$   
 $R = \{3, 7, 11, 15\}$   
 $y = x - 7$

13)  $D = \{-6, -4, -2, 0\}$   
 $R = \{0, 2, 4, 6\}$   
 $Y = x + 6$

14)  $D = \{8, 11, 14, 17\}$   
 $R = \{16, 22, 28, 34\}$   
 $y = 2x$