

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: _____

Corrective Assignment 2.2 #2

1) Domain:

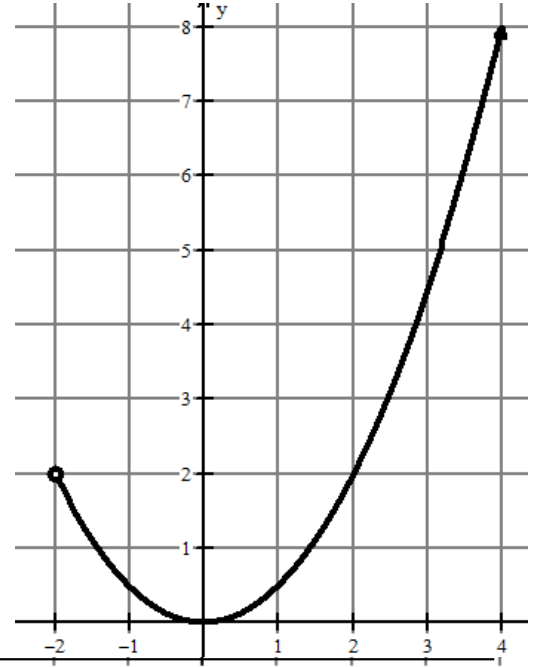
2) Range:

3) Find $f(-2)$

4) Find $f(4)$

5) Find x , when $f(x) = 2$

6) Is the relation a function? Why or why not?



7) Domain:

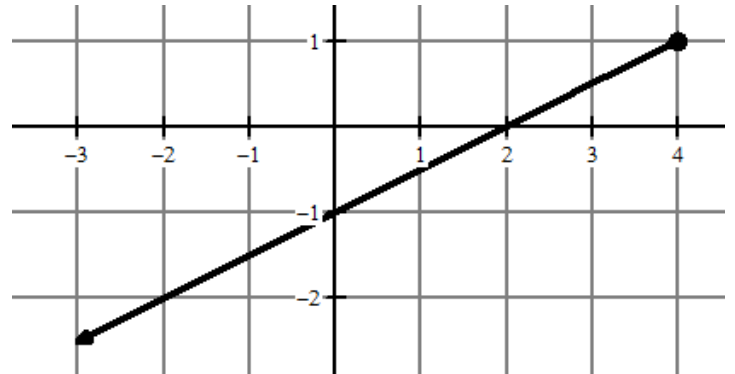
8) Range:

9) Find $f(4)$

10) Find $f(-2)$

11) Find x , when $f(x) = 0$

12) Is the relation a function? Why or why not?



13) Domain:

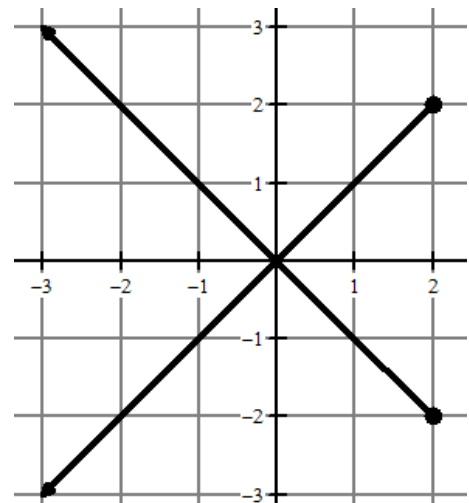
14) Range:

15) Find $f(0)$

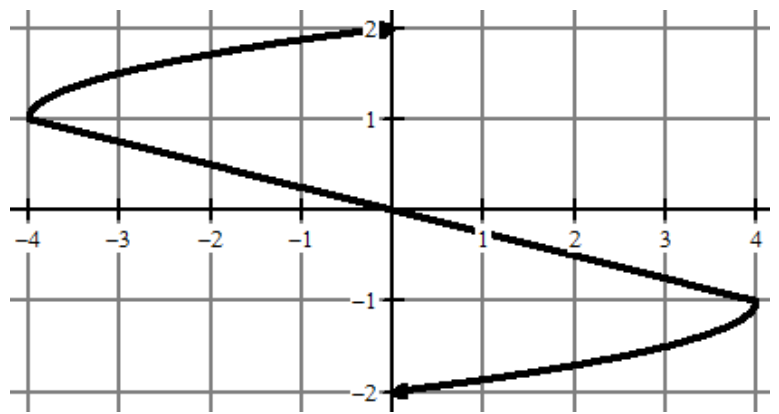
16) Find $f(1)$

17) Find x , when $f(x) = -2$

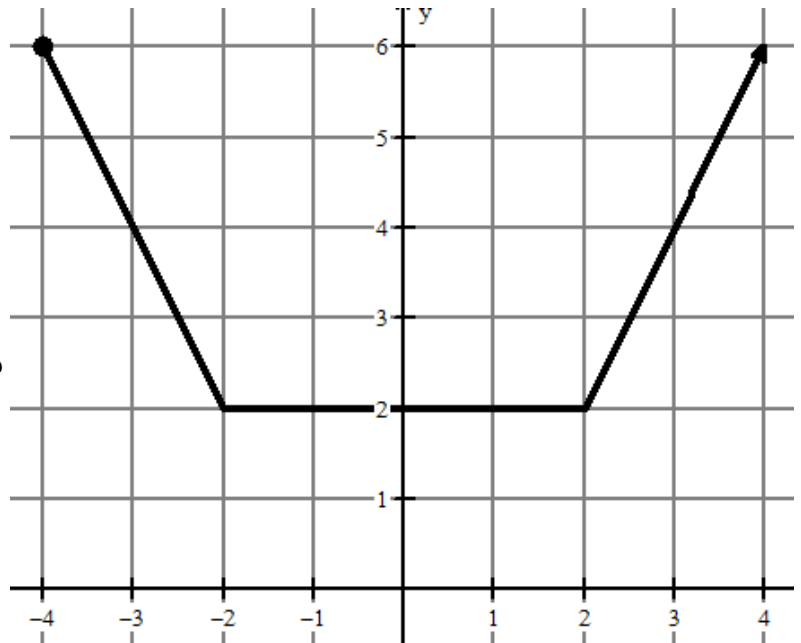
18) Is the relation a function? Why or why not?



- 19) Domain: 20) Range:
- 21) Find $f(-4)$ 22) Find $f(0)$
- 23) Find x , when $f(x) = 1$
- 24) Is the relation a function? Why or why not?



- 25) Domain: 26) Range:
- 27) Find $f(-3)$ 28) Find $f(1)$
- 29) Find x , when $f(x) = 4$
- 30) Is the relation a function? Why or why not?



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) $x > -2$ 2) $y \geq 0$ 3) Does Not Exist 4) 8 5) 2 6) Yes it passes the Vertical Line Test 7) $x \leq 4$ 8) $y \leq 1$
- 9) 1 10) -2 11) 2 12) Yes it passes the vertical line test 13) $x \leq 2$ 14) All Real Numbers 15) 0 16) 1 or -1
- 17) -2 or 2 18) No $f(-1)$ has two outputs. Fails VLT. 19) All Real Numbers 20) All Real Numbers 21) 1
- 22) 2, 0, -2 23) -4 24) No, $f(0)$ has more than one output. Fails the VLT. 25) $x \geq -4$ 26) $y \geq 2$ 27) 4
- 28) 2 29) 3 or -3 30) Yes, it passes the vertical line test.