

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 2.1 #1

1) Domain:

2) Range:

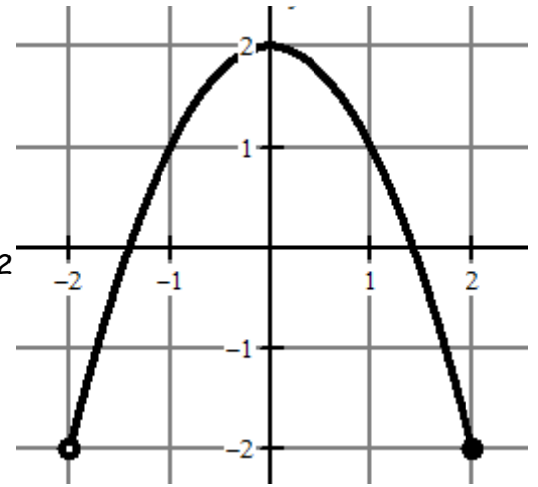
3) Find $f(-2)$

4) Find $f(1)$

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

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

7) Is it a linear function?



8) Domain:

9) Range:

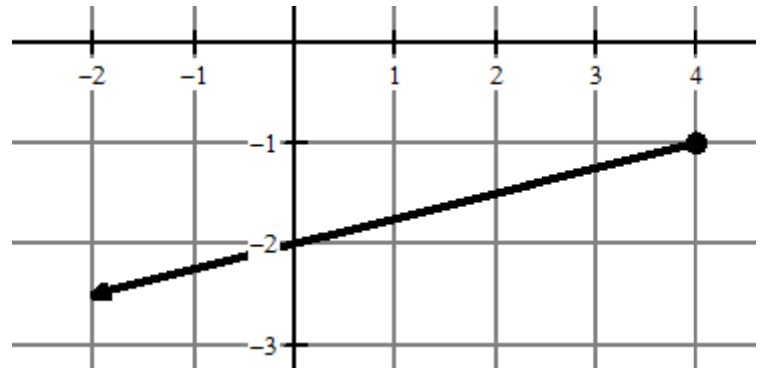
10) Find $f(4)$

11) Find $f(0)$

12) Find x , when $f(x) = 1$

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

14) Is it a linear function?



15) Domain:

16) Range:

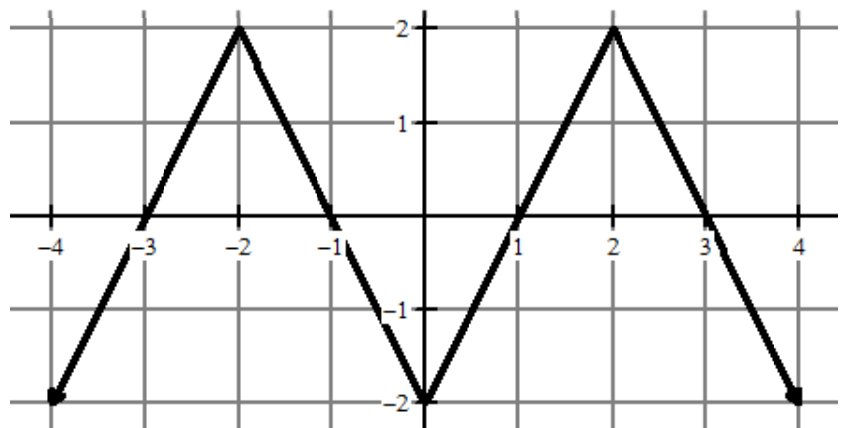
17) Find $f(-2.5)$

18) Find $f(4)$

19) Find x , when $f(x) = 1$

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

21) Is it a linear function?



22) Domain:

23) Range:

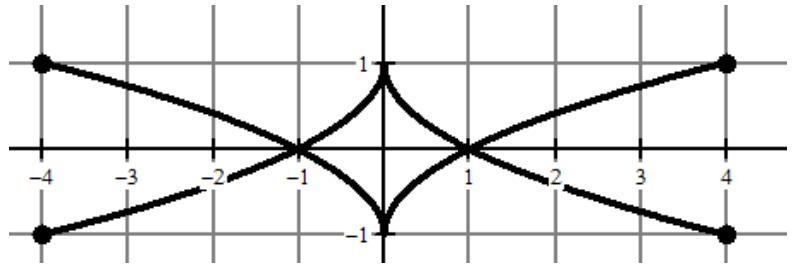
24) Find $f(-4)$

25) Find $f(1)$

26) Find x , when $f(x) = -1$

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

28) Is it a linear function?



29) Domain:

30) Range:

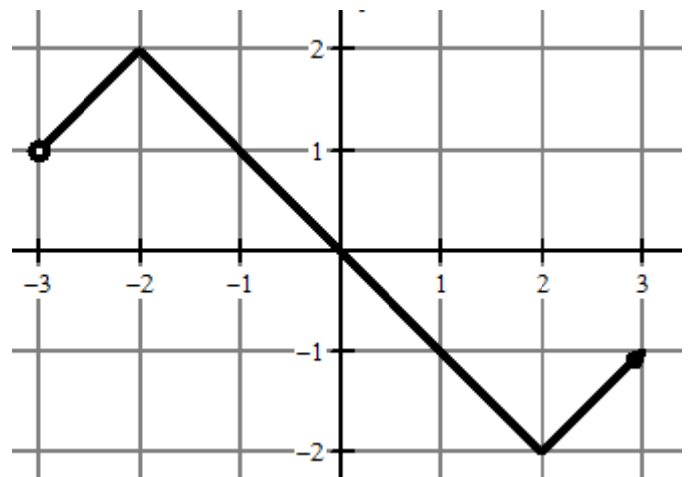
31) Find $f(-2)$

32) Find $f(3)$

33) Find x , when $f(x) = 1$

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

35) Is it a linear function?



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) $-2 < x \leq 2$ 2) $-2 < y \leq 2$ 3) Does Not Exist 4) 1 5) 2 6) Yes 7) No 8) $x \leq 4$ 9) $y \leq -1$ 10) -1 11) -2

12) Does Not Exist 13) Yes, passes the vertical line test. 14) Yes 15) All Real Numbers 16) $y \leq 2$ 17) 1 18) -2

19) -2.5, -1.5, 1.5, 2.5 20) Yes, passes the vertical line test. 21) No 22) $-4 < x \leq 4$ 23) $-1 < y \leq 1$ 24) 1 or -1

25) 0 26) -4, 0, 4 27) No $f(-2)$ has two outputs. Fails the VLT. 28) No 29) $x > -3$ 30) $y \geq -2$ 31) 2 32) -1

33) -1 34) Yes it passes the vertical line test. 35) No.