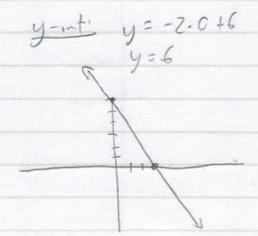
Test 1 Solution Guide - pg 1

1.
$$x-int$$
 0= -2x+6
-6 = -2x
-2 -2
3 = x



2.
$$3x+2=23$$
 -2
 -2
 -2
 $3x=21$
 $3x=7$

3.
$$5x+1=2x-17$$

$$-1$$

$$5x=2x-18$$

$$-2x$$

$$-2x$$

$$3x=-18$$

$$3$$

$$x=-6$$

4.
$$y-y_1 = m(x-x_1)$$

 $y-s = 3(x-z)$
 $y = 3x - 6$
 $y = 3x - 7$

Test 1 Soln Guide pg 2

S. a)
$$m = \frac{y - y_1}{x_2 - x_1} = \frac{12 - 3}{4 - 1} = \frac{9}{3} = \boxed{3}$$

c)
$$y-3=3(x-1)$$

 $y-3=3x-3$
 $y=3x+0$

$$6.0f(z) = 2 + 3.2 + 1$$
 6) $3 \mapsto 3 + 3.3 + 1$
= $4 + 6 + 1$ 9 + 9 + 1
= (1)

7. a)
$$f(A) = 10$$

b) $CL \rightarrow 13$
c) $f(B) = NOPE$
d) $f(D) = 17$

Test 1 Sola Guide ps 3

8.
$$4x+2y=16$$

$$-4x$$

$$-4x$$

$$2y=-4x+16$$

$$2y=-4x+16$$

9. Line has slepe 2 So I has slope - =

10.0) Pts (0,6) (4,0)

$$m = \frac{4-9!}{x-x_1} = \frac{0-1}{4-0} = \frac{-6}{4} = \begin{bmatrix} -3/2 \end{bmatrix}$$
1) x-mt 4
c) y-nt 6

1. HEVILMATHING
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