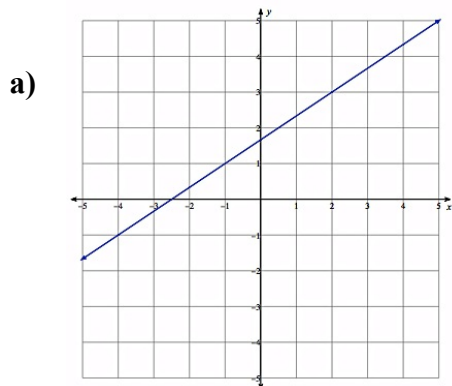


**Algebra Review 2 – Linear Functions  
Homework #2**

**Algebra 2  
\*REMEMBER to do in Power HW Format!**

1) Find the slope (rate of change) of each representation.



b)  $f(3) = -2$   
 $f(-1) = 5$

c) 

$x$	$f(x)$
-2	1
-2	4
-2	-3

2) Graph each linear function.

a)  $f(x) = \frac{2}{3}x - 4$

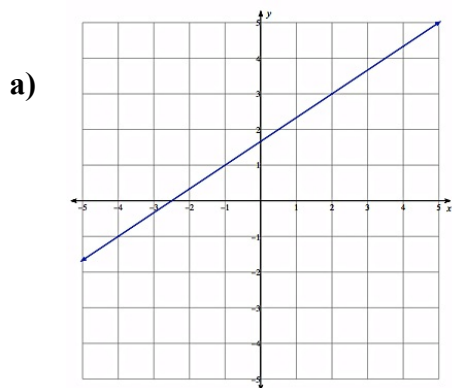
b)  $f(x) = -4x + 2$

c)  $-2x - 5y = 10$

**Algebra Review 2 – Linear Functions  
Homework #2**

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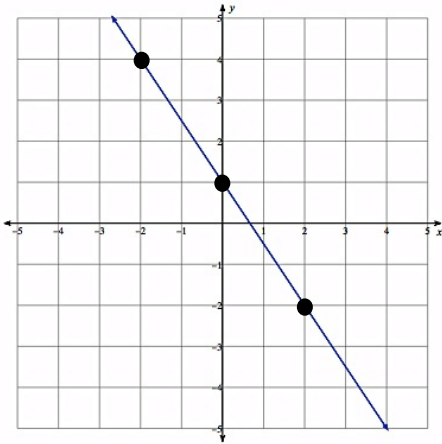
a)  $f(x) = \frac{2}{3}x - 4$

b)  $f(x) = -4x + 2$

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3) Write the symbolic representation of the linear function with the given information.

a)



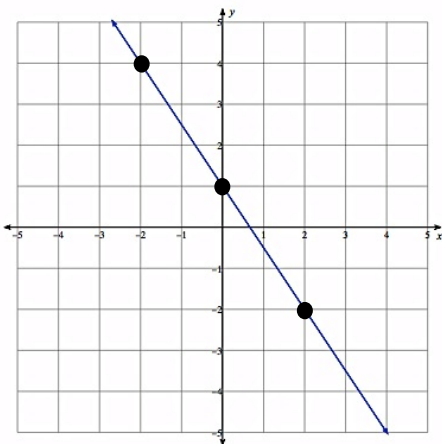
b)  $\text{slope} : \frac{7}{4}$   
 $y\text{-int} : (0, -27)$

c) through the points  
 $(10, -2)$  &  $(6, 0)$

d)  $f(4) = 5$   
 $f(-7) = 5$

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