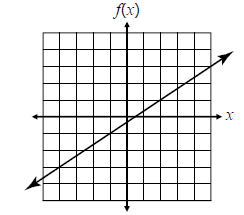
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ November 22, 2017

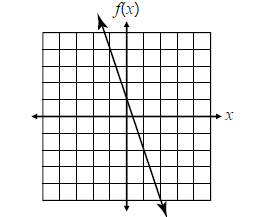
Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ CC Algebra

**Function Evaluating & Operations Practice**

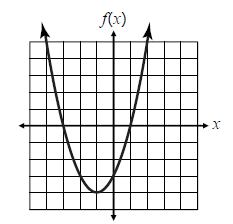
1. Find f(-4)



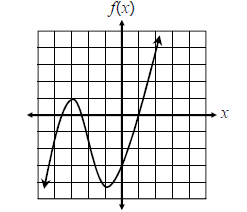
1. Find x when f(x) = 4



1. Find f(2)



1. Find x when f(x) = -2



1. Given *f(x) = 3x – 29*. If f(x) = -14, find x.
2. Given If f(x) = -2, find x.
3. Given *f(x) = 2x2 + x – 10*, Find f(-4).
4. Given *f(x) = x3 + 4x*, Find f(-2)
5. Given . If *f(x) = -25*, find x.
6. Given , Find *f(6)*
7. Given , find *f(-8)*
8. Given *f(x) = -5x + 9*. If *f(x) = 89*, find x.

1. If *f(x) = -5x + 9*, what is *2f(x)?*
2. If , what does *f(2) + f(-2)* equal?
3. If *g(x) = 6x3 – 4x2*, what is ?
4. Given *f(x) = 2x + 2*, what is *3f(x) – 8*
5. Given *f(x) = x2 + 2x + 1* and *g(x) = 5x + 5*, find *h(x) = f(x) – 2g(x)*
6. Given *f(x) = -3x + 6* and , find *h(x) = 4(g(x)) + f(x)*
7. Given *f(x) = 5x* and *g(x) = 20x3 – 10x2 + 15x*, find .
8. Given *f(x) = 2x* and *g(x) = x – 4*, find .