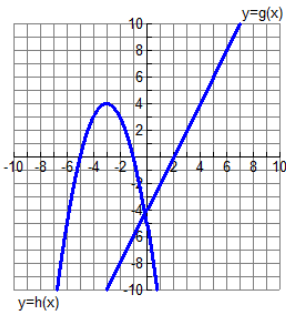


Target 1: I understand how to evaluate composite functions using a graph.

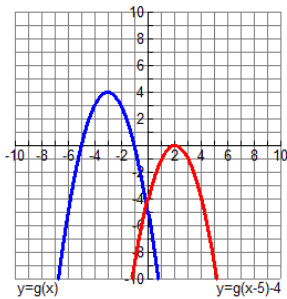
1. The graphs of $y = g(x)$ and $y = h(x)$ are shown in the graph below. Approximate the value of $g(h(-4))$.



$$g(h(-4)) = g(3) = 2$$

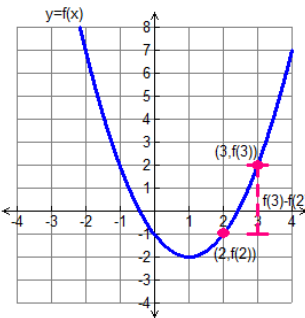
Target 2: I understand how to sketch graphs of composite functions.

2. The graph of $y = g(x)$ is how in the graph below. Sketch the graph of $y = g(x-5) - 4$ on the same grid.



Target 3: I understand the meaning of function expressions as related to the graph.

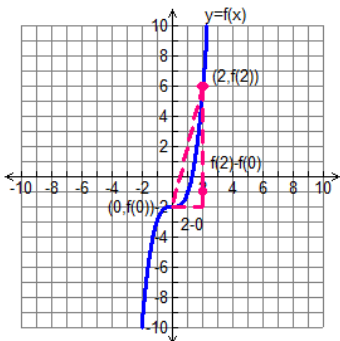
1. Find $f(3)$ and $f(2)$. Illustrate the meaning of $f(3) - f(2)$ on the graph below.



$$f(3) = 2, f(2) = -1$$

$$f(3) - f(2) = 3$$

2. Illustrate the meaning of $\frac{f(2) - f(0)}{3 - 0}$ on the graph below.



The slope of the secant line between $(0, f(0))$ and $(2, f(2))$:

$$\frac{f(2) - f(0)}{2 - 0} = \frac{6 - (-2)}{2} = 4$$