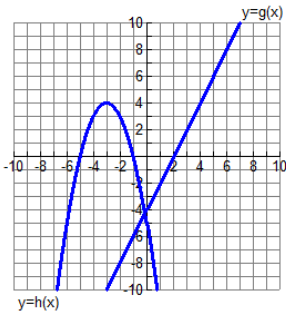


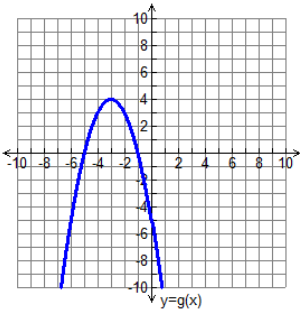
**Target 1: I understand how to evaluate composite functions using a graph.**

1. The graphs of  $y = g(x)$  and  $y = h(x)$  are shown in the graph below. Approximate the value of  $h(g(-3))$ .



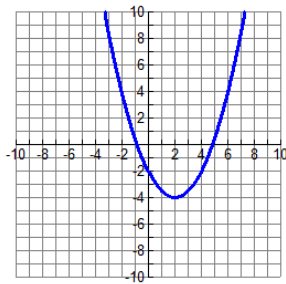
**Target 2: I understand how to sketch graphs of composite functions.**

2. The graph of  $y = g(x)$  is how in the graph below. Sketch the graph of  $y = g(x + 2) - 3$  on the same grid.



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

3. Illustrate the meaning of  $\frac{f(6) - f(4)}{6 - 4}$  on the graph below.



4. A point on the graph is labeled  $(x, f(x))$ . Illustrate the meaning of  $\lim_{h \rightarrow 0} \frac{f(x+h) - f(x)}{x+h-x}$ .

