

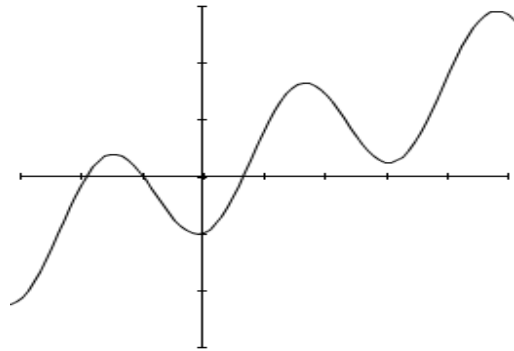
### Quiz #11: The Last One!

**Directions:** Please show all your work since partial credit is given. Answers without the necessary work may receive no credit. This quiz is due no later than **Wednesday, May 12, at 4:32 pm**. Remember to relax and have fun!

1. Do the following functions have an *inverse* (Circle yes or no)? If yes, find the inverse. If no, explain why.

a)  $f(x) = \sqrt[3]{x} - 5$     YES / NO

b) YES / NO



2. Sketch a graph of  $g(x) = 2^x + 3$ . Please label your graph completely, including at least three points and any important features.

