

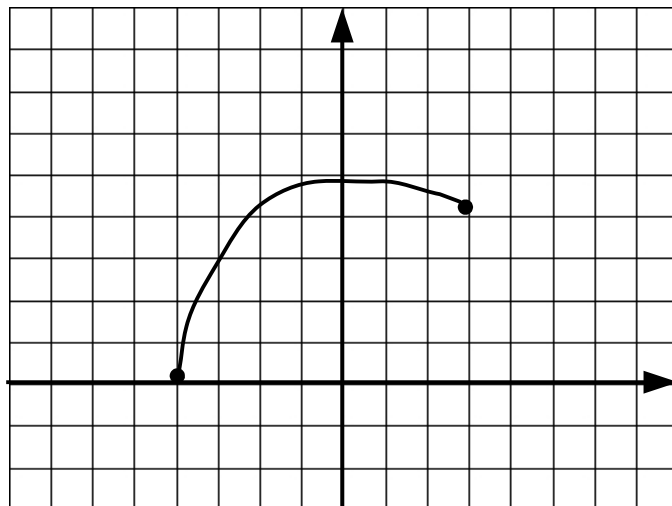
**Quiz 7**  
**(Section 1.8)**

Name: \_\_\_\_\_

1. Determine if  $f(x)$  and  $g(x)$  are *inverses of each other*.

$$f(x) = 3x - 7 \qquad g(x) = \frac{x+3}{7}$$

2. Does this graph represent a function that *has an inverse function*?



3. Find the *inverse function* of  $f(x) = 3x^3 - 1$