Quiz 4

Math 1A, section 103

February 20, 2014

1. Sketch the graph of a function g for which

$$g(0) = g(2) = g(4) = 0,$$

$$g'(1) = g'(3) = 0,$$
$$g'(0) = g'(4) = 1,$$
$$g'(2) = -1,$$
$$\lim_{x \to \infty} g(x) = \infty,$$

and

$$\lim_{x \to -\infty} g(x) = -\infty.$$