PS#3: The derivative! - Answer key quick ref

1. (1.3.4.10)

   (a) (graph)

   (b)
   $$AV_{[-3,-1]} \approx 1.15$$
   $$AV_{[0,2]} \approx -0.4$$

   (c)
   $$f'(-3) \approx 3$$
   $$f'(0) \approx -1/2$$

2. (1.4.4.11)

   (a) $g'(x) = 2x - 1$.

   (b) (graph)

   (c) $p'(x) = 10x - 4$.

   (d) (thing about constants)

3. (1.4.4.12) (A bunch of graphs.)