Quiz #11

Name: Kex

You must show your work to get full credit.

1. If h(4.1) = 6.3 and h'(4.1) = -1.2 estimate h(4.22).

$$h(4.22) \approx h(4.1) \approx 6.156$$

$$h(4.22) \approx h(4.1) + h'(4.1) \triangle \times$$

$$= 6.3 + (-1.2)(4.22 - 4.1)$$

$$= 6.156$$

- 2. Draw the graph of a function that satisfies the following
 - f'(x) > 0 for x < 1 and 3 < x < 5.
 - f'(x) < 0 for 1 < x < 3 and 5 < x

