Quiz 7

Math 1A, section 103

March 13, 2014

- 1. The radius of a circular disk is given as $24~\mathrm{cm}$ with a maximum error in measurement of $0.2~\mathrm{cm}$.
 - (a) Use differentials to estimate the maximum error in the calculated area of the disk.
 - (b) What is the relative error? What is the percentage error?