

Quiz 5

MATH 139-02
Thursday, February 4, 2004

1. A 12-gram sample of a radioactive substance decays at the rate of 5% per day.
 - (a) Find a formula that gives the amount A of the substance remaining after t days.

 - (b) How much of the substance remains after 10 days?

 - (c) What is the half-life of this substance?