Continuous Compound Interest II

An investment of $10,000 earns interest at an annual rate of 6.7% compounded continuously.

Use this information to answer questions 4-5 below.

Question 4   5 pts

Use the Continuous Compound Interest II information above to answer this question.

Find the instantaneous rate of change in the amount in the account after 5 years (in dollars per year). Round to the nearest cent.

$_____ per year.

Question 5   4 pts

Use the Continuous Compound Interest II information above to answer this question.

Find the instantaneous rate of change in the amount in the account at the time the amount is equal to $12,947. Round to the nearest cent.

$_____ per year.