Continuous Compound Interest

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

Answer the following questions about this investment.

Question 4   5 pts

Find the instantaneous rate of change in the amount in the account after 4 years (in dollars per year). Round to the nearest cent.

$ _____ per year.

Question 5   4 pts

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.