A college graduate borrows \$8000 to buy a car. The lender charges interest at an annual rate of 10%. Assuming that interest is compounded continuously and that the borrower makes payments continuously at a constant annual rate k, determine the payment rate k that is payment that has lean in 3 years. Is required to pay off the lean in 3 years. Is required to pay off the lean in 3 years. Is required to pay off the lean in 3 years. Is required to pay off the lean in 3 years. Also determine how much interest is payed during the 3-year period.