Continuous Compounding Practice Problems

1. You invest $2000 in a bank account that has a 5% annual interest rate, compounded continuously. How much will you have in 5 years?
2. You invest $1,500 in a bank account that has a 3% annual interest rate, compounded continuously. How much will you have in 15 years?
3. You invest $10,000 in a CD that has a 9% annual interest rate, compounded continuously. How much will you have in 20 years?
4. You invest $5000 in a bank account that has a 3.5% annual interest rate, compounded continuously. How much will you have in 12 years?

Answers to Continuous Compounding Practice Problems

1. $2,568.05
2. $2,352.47
3. 60,496.47
4. $7,609.81