Samples   **Continuous compounding**

1. I invest \$800 in a bank account earning 9.0 percent interest per year for 3 years, continuously compounding. Ignoring taxes and fees, what is the final account balance?

2. I invest \$1000 in a bank account earning 1.0 percent interest per year for 15 years, continuously compounding. Ignoring taxes and fees, what is the final account balance?

3. I invest \$1000 in a bank account earning 1.0 percent interest per year for 12 years, continuously compounding. Ignoring taxes and fees, what is the final account balance?