Ch 4 review

15) A culture contains 12,345 bacteria initially.
After 1 hour the bacteria-count is 63,891.
a) Find the doubling period.
b) Find the number of bacteria after 4 hours.

16) If $2040.76 is invested at an interest
rate of 9% per year, find the amount of the
investment at the end of 20 years for each
compounding method. (Round to 1 decimal place)
a) Semiannually          b) Monthly
c) Daily                 d) Continuously.