

Question 7:

$$\$150,000 * \left(1 + \frac{8}{100}\right)^6 = 238,031.1484$$

Question 8:

Assuming compound interest is applied continuously, we find the final loan amount to be:

$$\$650,000 * e^{1.07*15} = 6.07211225E12$$

Question 9:

$$\$3,000 * \left(1 + \frac{4.7}{100}\right) =$$