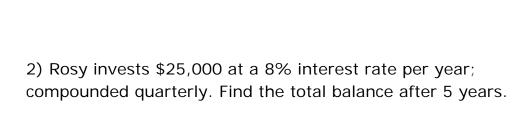## Expressions for Exponential Functions - Guided Lesson:

Complete the following problems:

1) William takes $5,000 at an interest rate of 5% per year; compounded semi-annually. How much money will he return after 3 years?

2) Rosy invests $25,000 at a 8% interest rate per year; compounded quarterly. Find the total balance after 5 years.

3) John borrowed $36,700 at a 6% interest rate per year. He decides to pay the entire amount off 3 years. What is the total amount he must pay?