In 2010 Lilliputian County Hospital's total patient revenues were $15 million*.* In2019 patient revenuesare expectedto be $30 million*.* What is the compound growth rate in patient revenues overthistime period*?*

Shawnee Valley Family Practice Center plans to invest $30,000 in a money market account at the beginning of each *year for the* next five years*. The investment pays 8 percent annual interest. How much would this investment be worth after five years of investing?*

Midstate Medical center is starting an endowment fund to pay for the expenses of a medical research program. The expenses are $1,000,000 per year, and the program is expected to last ten years. Assuming payments are made at the end of each year and the interest rate is 8 percent per year, what should be the initial size of the endowment?

Goldfarb Cancer Research Institute just received a $3 million gift to cover the salary for a permanent research scientist in perpetuity to study Hodgkin's disease. What would be the required rate of return on the investment if the position paid an annual salary of: a. $75,000 per year? B. $100,000 per year? C. $125,000 per year?