









Rackaygan, at age 40, begins saving money by depositing \$400 per year into an account which pays interest at 3.25% annually. How much money will be in the account after 20 years?

$$A = \frac{(1+i)^{n}-1}{A - 400(1+0.03a)^{-1}}$$

$$A = \frac{400(1+0.03a)^{-1}}{A - 15}$$

$$A = \frac{15}{15} = 0.0325$$
Example 7.1.4

Willregios deposits \$100 every month into an account which pays 3%, compounded monthly, for 30 years. Determine the amount of the annuity. Determine the amount of interest earned.



