**Solution 1.20**

***Identify the four engineering economy symbols and their values. Use a question mark with the symbol whose value is to be determined.***

A capital investment firm placed $1.5 million 2 years ago to acquire part-ownership in an innova­tive chip making company. How long will it take from the date of their initial investment for their share of the chip company to be worth $3 million, if the company is realizing a 20% per year return?

*Solution:*

P = $1,500,000; F = $3,000,000: n = ?; i = 0.20