The Fidelity VIP Disciplined Small Cap Fund fund has a ten year average annual rate of return of 6.29%. Treat this rate of return as if it were continuous over the ten year period.

- 1. If you put \$20,000 in the fund 8 years ago, how much would you have now?
- 2. If you want to have \$50,000 in the account now, how much should you have put in 8 years ago?
 How would your answer change if the rate of return were 8.29%?
- 3. Suppose that you now have \$20,000 to invest, and you want \$115,000 in 8 years. What average rate of return would you need the fund to meet?

1 / 1