Example. John opens an IRA at age 25, contributes at a continuous rate of $2000 per year for 10 years, but makes no additional contributions after that. Susan waits until age 35 to open an IRA and contributes at a continuous rate of $2000 per year for 30 years. There is no initial investment in either case.

(a) Find an expression for the amount in each person’s IRA at age 65 assuming a fixed interest rate.
(b) Which investment strategy is best?
Continued.