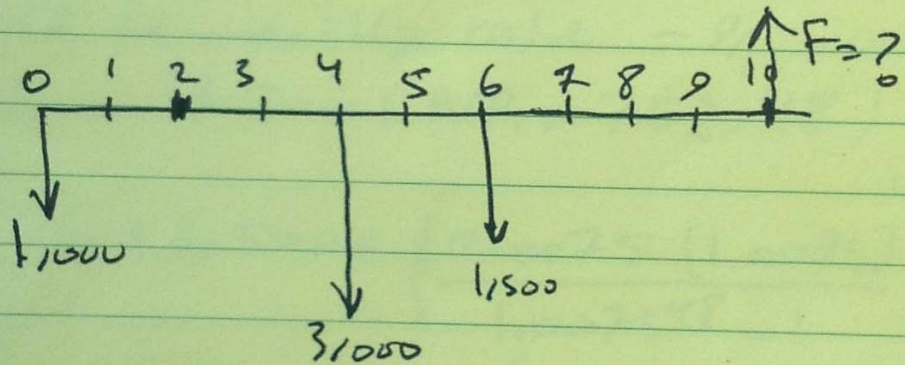


Engineer deposits
1,000 now, 3,000 after 4
years and 1,500 after
6 years in a bank account
to cover travel expenses.



How much will the account have
after 10 years at an interest
of 12% compounded semiannually?
Effective semiannual rate is 6%

$$F = 1,000(1.06)^{20} + 3,000(1.06)^{12} + 1,500(1.06)^8$$

$$= \$11,634.50$$