

These problems should be worked through using TVM solver on the calculator, as well as using appropriate formulas.
We need to be able to do them BOTH WAYS!

1. Find the future value of an annuity if \$2000 is deposited into an account each year for 14 years and the account pays 7.3% compounded annually.

2. Suppose you open an annuity due account into which you deposit \$200 semi-annually for 10 years. If the account pays 13% compounded semi-annually, how much will be in the account at the end of the 10 year period?

3. A 5-year **ordinary annuity** has a future value of \$10,000. The annual interest rate is 8 percent. What is the amount of each quarterly annuity payment?

4. You deposit \$50 into an account at the beginning of each month for 35 years. The annual interest rate is 6%. What is the value of this account at the end of the 35th year?

5. Find the future value of an annuity if \$1500 is deposited into an account each year for 17 years and the account pays 8.4% compounded annually.

6. Suppose you open an annuity due account into which you deposit \$240 semi-annually for 10 years. If the account pays 12% compounded semi-annually, how much will be in the account at the end of the 10 year period?

7. A 6-year **ordinary annuity** has a future value of \$10,000. The annual interest rate is 8 percent. What is the amount of each quarterly annuity payment?

8. You deposit \$60 into an account at the beginning of each month for 30 years. The annual interest rate is 6%. What is the value of this account at the end of the 30th year?

9. Find the future value of an annuity if \$3000 is deposited into an account each year for 13 years and the account pays 5.3% compounded annually.

10. Suppose you open an annuity due account into which you deposit \$200 semi-annually for 15 years. If the account pays 11% compounded semi-annually, how much will be in the account at the end of the 15 year period?

11. An 8-year **ordinary annuity** has a future value of \$10,000. The annual interest rate is 6 percent. What is the amount of each quarterly annuity payment?

12. You deposit \$70 into an account at the beginning of each month for 35 years. The annual interest rate is 9%. What is the value of this account at the end of the 35th year?