Chapters 6 and 7 Review

Student Text Pages
468 to 469

Suggested Timing
60–75 min

Tools
- grid paper
- graphing calculator with TVM Solver application

Related Resources
- G–1 Grid Paper

Using the Chapters 6 and 7 Review

Each question reviews different skills and concepts. Students might work independently to complete the Chapters 6 and 7 Review, then in pairs to compare solutions. Alternatively, the Chapters 6 and 7 Review could be assigned for reinforcing skills and concepts in preparation for a specific chapter Practice Test.

This is an opportunity for students to assess themselves by completing selected questions and checking their answers against the answers in the back of the student textbook. They can then revisit any questions with which they had difficulty.

Task

Student Text Page
470

Suggested Timing
75 min

Tools
- graphing calculator with TVM Solver application

Related Resources
- BLM 7–11 Task: Loans and Annuities Due Rubric

Ongoing Assessment

Use **BLM 7–11 Task: Loans and Annuities Due Rubric** to assess student achievement.

Loans and Annuities Due

Teaching Suggestions

- Students should review Sections 7.4 and 7.5 on annuities.
- Some students may wish to use the TVM Solver on a graphing calculator.
- A spreadsheet may also be useful.
- Time line diagrams may help to organize information and plan solutions.

Hints for Evaluating a Response

Student responses are being assessed for the level of mathematical understanding they represent. As you assess each response, consider the following questions:

- Does the student demonstrate understanding of how to calculate the present value of a simple, ordinary annuity?
- Can the student make adjustments to his or her calculations based on the various loan repayment scenarios?
- Is there evidence of logical reasoning in the calculations?
- Does the student identify factors that account for different present values for each scenario in question 1?
- Does the student demonstrate understanding of which scenario represents an ordinary annuity due?
- Is the student able to develop a formula for an ordinary annuity due?
- Is the student able to apply his or her formula to solve problems?