

Chapter 4 Review

Student Text Pages

202–203

Suggested Timing

70 min

Tools

- grid paper

Technology Tools

- graphing calculator

Related Resources

- G–1 Grid Paper
- G–3 Coordinate Grids
- BLM 4–14 Chapter 4 Review

TI-Navigator™

Go to www.mcgrawhill.ca/books/principles10 and follow the links to the file for this section.

Using the Chapter Review

Each question reviews different skills and concepts. Have students work independently to complete the Review, then in pairs to compare solutions. Alternatively, assign the Review for reinforcing skills and concepts in preparation for the Practice Test. Provide an opportunity for students to discuss questions that include strategies or features they find difficult. Use **BLM 4–14 Chapter 4 Review** for extra review.

It is a good idea to concentrate on multiple representations of quadratics—tables of values, algebraic representation, graphs, and words. Students get a better understanding if they communicate in this way. Also, outline your expectations, such as

- When graphing a parabola with a given equation, sketch $y = x^2$ first as a reference.
- Label all graphs with the vertex, x -intercepts, and the equation of the axis of symmetry.
- Give sentence answers to applications and problem solving questions.

After they complete the Chapter Review, encourage students to make a list of questions that caused them difficulty, and then note down the related sections and teaching examples. They can use this to focus their studying for a final test on the chapter's content.

Ongoing Assessment

- Upon completing the Chapter Review, students can also answer questions such as the following:
 - *Did you work by yourself or with others?*
 - *Which questions did you find easy? Which were difficult? Why?*
 - *How often did you have to check the related Example in the textbook to help you with the questions? For which questions?*