

# Chapter 4 Review

**Mathematics 10, pages 196–198**

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**Suggested Timing**

60–90 min  
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**Blackline Masters**

BLM 4–6 Section 4.1 Extra Practice  
 BLM 4–7 Section 4.2 Extra Practice  
 BLM 4–8 Section 4.3 Extra Practice  
 BLM 4–9 Section 4.4 Extra Practice

## Planning Notes

Have students work individually or in pairs to work through the review questions. Provide opportunities for students who work individually to compare their solution strategies and answers with a classmate.

If students encounter difficulties, provide an opportunity for them to discuss strategies with other students. Encourage them to refer to their Foldable, the worked examples, and previously completed questions in the student resource.

Have students make a list of the questions that they are unsure about. They can then use the list to help them prepare for the practice test. For any problematic question, consider having students construct a similar question using different values, solve it, and then exchange questions with a classmate. Afterward, compare the strategies used and the solutions. Have students correct any errors.

## Meeting Student Needs

- Encourage students to use their Foldable and to add new notes if they wish.
- For #11, encourage students to use the methods of their choice.

- For #16, refer students to the Did You Know? that explains the term *tsunami*.
- For #24, students should know that drum head means only one of the circular surfaces.
- Consider having students work in small groups to create a game similar to Jeopardy. Have students review the Key Ideas in the chapter, choose five topics, and then develop five questions and answers for each topic. Questions should range from easy to difficult. You may wish to have the “host” or “hostess” check the questions and solutions before playing the game. You can either project the game from a computer or create squares on a whiteboard.
- Students who require more practice on a particular topic may refer to **BLM 4–6 Section 4.1 Extra Practice**, **BLM 4–7 Section 4.2 Extra Practice**, **BLM 4–8 Section 4.3 Extra Practice**, and **BLM 4–9 Section 4.4 Extra Practice**.

## ELL

- Teach the following terms in context: *rebounds*, *computer chips*, and *drum head*.

## Enrichment

- Challenge students to develop a formula to represent the response of a bacterial culture to an antibiotic test. Tell students to assume that the antibiotic halves the bacterial count every hour.

## Gifted

- Some students may already be familiar with the skills handled in this review. To provide enrichment and extra challenge for gifted students, go to [www.mhrmath10.ca](http://www.mhrmath10.ca) and follow the links.

Assessment	Supporting Learning
<b>Assessment for Learning</b>	
<p><b>Chapter 4 Review</b></p> <p>The Chapter 4 Review is an opportunity for students to assess themselves by completing selected questions in each section and checking their answers against the answers in the back of the student resource.</p>	<ul style="list-style-type: none"> <li>• Have students check the contents of the What I Need to Work On section of their Foldable and do at least one question related to each listed item.</li> <li>• Have students revisit any section that they are having difficulty with prior to working on the chapter test.</li> </ul>