

# Review and Test

**Mathematics 10, pages 507–511**

**Suggested Timing**

60–90 min

**Materials**

- graphing calculator
- ruler
- grid paper

## Planning Notes

Have students work independently to complete the review and then compare their solutions with a classmate's. Assign the Unit 4 Review to reinforce the concepts, skills, and processes learned so far. If students encounter difficulties, provide an opportunity for them to discuss strategies with other students. Encourage them to refer to their notes in their chapter Foldables, and then to the specific sections in the student resource and/or their notebook. Once they have determined a suitable strategy, have them add it to the appropriate chapter Foldable.

Consider having students make a list of the questions that they found difficult. They can then use the list to help them prepare for the unit test.

## Meeting Student Needs

- Encourage students to draw and label diagrams, when appropriate.
- Encourage students to use their chapter Foldables and to add new notes if they wish.
- For #14 of the Unit 4 Review, you may wish to have students research the Thelon River and the canoe expeditions offered by tour companies. Have students create their own question using data that they discovered. See the related Web Link that follows in this Teacher's Resource.
- For #1 of the Unit 4 Test, suggest that students research Batoche, SK, and its importance to the history of Métis peoples. See the related Web Link that follows.

- For #6 of the test, students may be interested to learn that the artist, Mary Kuutsiq Mariq, grew up living off the land in the traditional nomadic Inuit lifestyle. The wall hanging is made of hand-sewn wool, felt, and embroidery floss tapestry, and shows Inuit gesturing at birds and fish, which they plan to hunt. As soon as the weather permits in the summer, many Inuit travel out onto the land where they camp and eat traditional food that they catch and prepare themselves. They live in tents made of hide and eat raw fish and meat, preparing tea made from water boiled in kettles set over rock fires. Students may wish to research other works by this artist. See the related Web Link that follows.

## ELL

- You may choose not to assign #1 of the Unit 4 Review to new English language learners, since it is a language-based question.
- For #10 of the review, you may need to explain the game of lacrosse and what an assist is.
- For #14 of the review, explain what it means to go with and against the current.

## Enrichment

- Have students write questions that are based on the ones in the review and test, that are based on the questions in the chapters, or that are completely original. Students can then exchange questions and answer them for further practice.

## Web Link

For more information about the Thelon River, go to [www.mhrmath10.ca](http://www.mhrmath10.ca) and follow the links.

For more information about Batoche, SK, go to [www.mhrmath10.ca](http://www.mhrmath10.ca) and follow the links.

To see more wall hangings by Mary Kuutsiq Mariq, go to [www.mhrmath10.ca](http://www.mhrmath10.ca) and follow the links.

Assessment	Supporting Learning
<b>Assessment for Learning</b>	
<p><b>Unit 4 Review</b></p> <p>The cumulative review provides an opportunity for students to assess themselves by completing selected questions pertaining to each chapter and checking their answers against the answers in the back of the student resource.</p>	<ul style="list-style-type: none"> <li>• Have students review their notes from each Foldable and the tests from each chapter to identify items that they had problems with, and do the questions related to those items. Have students do at least one question that tests skills from each chapter.</li> <li>• Have students revisit any chapter section they are having difficulty with.</li> </ul>
<b>Assessment of Learning</b>	
<p><b>Unit 4 Test</b></p> <p>After students complete the unit review, you may wish to use the unit test on pages 510 and 511 as a summative assessment.</p>	<ul style="list-style-type: none"> <li>• Consider allowing students to use their chapter Foldables.</li> </ul>