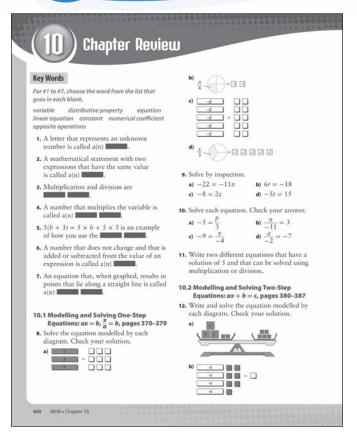
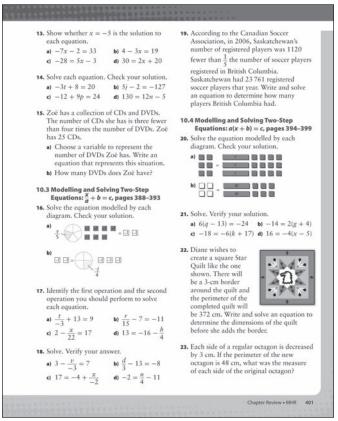
Chapter Review





MathLinks 8, pages 400-401

Suggested Timing

40-50 minutes

Materials

- algebra tiles
- cups and counters

Blackline Masters

Master 15 Algebra Tiles BLM 10-5 Section 10.1 Extra Practice BLM 10-7 Section 10.2 Extra Practice BLM 10-9 Section 10.3 Extra Practice BLM 10-11 Section 10.4 Extra Practice

Planning Notes

For #1 to #7, students may wish to review the words in pairs. One student could read the definitions and the other could say the word. Alternatively, they might do the exercise backward: one student could read the word and the other could find the definition. Have students work independently to complete the remaining review questions. Encourage students to refer to the information in their chapter Foldable and then to the specific section in the student resource and/or their notebooks. When students encounter difficulties, they could discuss strategies with other students and include successful strategies in appropriate sections of their chapter Foldable. Encourage students to consider alternative methods for solving problems and to ask about questions they found difficult.

You may wish to have students record the numbers from 8 to 23 in two columns in their notebooks. As they read each question, have students indicate the questions they need a little help with, a lot of help with, or no help with. Students can use this information to identify sections they particularly need to revisit before the practice test.

Students may need manipulatives, such as algebra tiles, to complete #8, #12, and #20.

Meeting Student Needs

- Encourage students to use their chapter Foldable and to add new notes if they wish.
- Students who require more practice on a particular topic may refer to BLM 10-5 Section 10.1 Extra Practice, BLM 10-7 Section 10.2 Extra Practice, BLM 10-9 Section 10.3 Extra Practice, and BLM 10-11 Section 10.4 Extra Practice.

ELL

- Have students create a vocabulary list in their chapter Foldable. Matching a picture or symbol with each definition helps students consolidate their understanding of the vocabulary.
- Have some students complete fewer word problems as deciphering the language may be too challenging and time consuming.

Gifted and Enrichment

• 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.mathlinks8.ca and follow the links.

Common Errors

- Some students may use the incorrect order of operations to evaluate an expression or they may use the incorrect reverse order of operations to solve for the unknown in a linear equation.
- R_x Have students continue to use manipulatives to assist them with their thinking.
- Some students may use information from problem situations incorrectly resulting in an incorrect equation for that situation.
- **R**_x Have students review the list of "operation words" that the class created in section 10.2. Encourage them to compare their equations with a classmate's.

Assessment	Supporting Learning
Assessment for Learning	
Chapter 10 Review The Chapter 10 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.	 Allow students to complete the chapter review using any combination of manipulatives (algebra tiles, cups and counters, etc.), diagrams, or symbols to model and solve equations. If algebra tiles are not available, distribute Master 15 Algebra Tiles. Have students check the contents of the What I Need to Work On section of their chapter Foldable and do at least one question related to each item in that section. Have students revisit any section that they are having difficulty with prior to working on the chapter test.