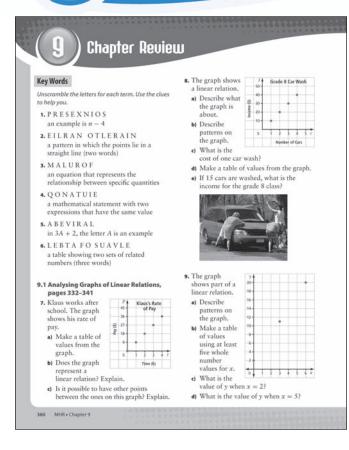
# (g) Chapter Review



represe a) Grap b) Wha in va A-va	ents a lin				<ul><li>b) Is this a linear relation? Explain.</li><li>c) What is an expression for the cost in</li></ul>
a) Grap b) Wha in va A-va		10. The table of values			terms of the number of colour copies?
b) Wha in va A-va	ph the or	ear relation	n.	0 1	d) What is the cost of 12 colour copies?
in va A-va		rdered pair	rs.	1 5	0,000 ° 7 0,000 0 ° 0,000 0 0 0 0 0 0 0 0 0 0 0 0
A-va	b) What is the difference in value for consecutive A-values? What is the difference in value for			2 9	9.3 Linear Relationships, pages 352-359
				3 13	13. Craig travels at a constant speed in
diffe				4 17	kilometres per hour. The formula
consecutive B-values?				5 21	d = 15t represents the relationship.
		relationsh	in her	ween the	a) What does each variable represent?
		and B. Use			b) What does 15 represent?
	xpressio				<ul> <li>Make a table of values. Use five whole number values for t.</li> </ul>
11. For each table of values below, answer				answer	d) Graph the ordered pairs.
the following questions.  a) What is the difference in consecutive				secutive	e) Is it reasonable to have points between the ones on the graph? Explain.
		e first vari			n How far would Craig travel in 8 h?
valu		e same for	consc	cutive	
valu c) Graj	ies?	rdered pair			
valu c) Graj	es? ph the o	rdered pair			
valu c) Graj your	ph the or	Table 1	rs to cl	heck	
valu c) Grap your m n	ph the or r answer	Table 1	rs to cl	heck 2 3	14. For each counting, make a table of value
valu c) Grap your m n	ph the or r answer.	Table 1	rs to cl	heck 2 3	14. For each equation, make a table of value using five positive and negative integer
valu c) Graj your m n	-2 - -4 - ble 2	Table 1  1 0 2 0  Tab  Tab	1 2 le 3 c	heck 2 3	using five positive and negative integer values for x. Graph the ordered pairs.
valu c) Grap your  m n Tab p -4 -2	-2 - -4 - ble 2	Table 1  1 0 2 0  Tab  d 1 2	1 2 le 3 c 5 8	heck 2 3	using five positive and negative integer values for x. Graph the ordered pairs. Then, determine the value for y when
value) Grapyour  m n Tab  p -4 -2 0	ph the or r answer.  -2   -4   -  ble 2   q   9   5   1	Table 1  1 0 2 0  Tab  d 1 2 3	1 2 le 3 c 5 8 10	heck 2 3	using five positive and negative integer values for $x$ . Graph the ordered pairs. Then, determine the value for $y$ when $x = -7$ .
ralu c) Gray your  m n Tab p -4 -2	-2 - -4 - ble 2	Table 1  1 0 2 0  Tab  d 1 2	1 2 le 3 c 5 8	heck 2 3	using five positive and negative integer values for x. Graph the ordered pairs. Then, determine the value for y when

## MathLinks 8, pages 360-361

#### **Suggested Timing**

40-50 minutes

## **Materials**

- grid paper
- ruler

#### **Blackline Masters**

Master 8 Centimetre Grid Paper Master 9 0.5 Centimetre Grid Paper BLM 9–5 Section 9.1 Extra Practice BLM 9–7 Section 9.2 Extra Practice BLM 9–9 Section 9.3 Extra Practice

# **Planning Notes**

Allow students to work in pairs for #1 to #6. Then, have students complete the remaining questions independently or in pairs. When they are done, have students make a list of questions they found difficult. Provide an opportunity to discuss these questions and have students share with each other alternative strategies for answering them. Also, encourage students to refer to their Foldable or look up examples and other exercises related to the questions on their list. Students can use this list to focus their studying as they prepare for the practice test.

For drawing their graphs, provide students with Master 8 Centimetre Grid Paper or Master 9 0.5 Centimetre Grid Paper.

# **Meeting Student Needs**

- Allow students to complete the chapter review using a combination of verbal description, graphs, and written answers.
- 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 9-5 Section 9.1 Extra Practice, BLM 9-7 Section 9.2 Extra Practice, and BLM 9-9 Section 9.3 Extra Practice.

#### ELL

 Encourage students to work with a partner and practise the Key Words using flash cards.

# **Gifted and Enrichment**

• Some students may already be familiar with the skills handled in this review. To provide enrichment and extra challenge, go to www.mathlinks8.ca and follow the links.

Assessment	Supporting Learning				
Assessment <i>for</i> Learning					
Chapter 9 Review The Chapter 9 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.	<ul> <li>Lead a brief discussion on what students recall about linear relations from Chapter 9. Encourage students to refer to their Foldable or to the Key Ideas in the student resource.</li> <li>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 listed item.</li> <li>Have students revisit any section that they are having difficulty with prior to working on the chapter test.</li> </ul>				