

CHAPTER

# 8 Solving Linear Equations

## Planning Chart

Section/Suggested Timing	Student Text Pages	Teacher's Resource Blackline Masters	Assessment	Materials and Tools
<b>Get Ready</b>	420–421	BLM 8–1 Chapter 8 Problems of the Week		<ul style="list-style-type: none"> <li>• algebra tiles</li> <li>• calculator</li> <li>• integer chips (optional)</li> </ul>
<b>8.1 Solving Equations:</b> $ax = b, \frac{x}{a} = b, \frac{a}{x} = b$ • 80–100 minutes	424–439	BLM 8–2 Canadian Coins and Their Values BLM 8–3 Section 8.1 Warm Up BLM 8–4 Section 8.1 Extra Practice Master 4 Number Lines		<ul style="list-style-type: none"> <li>• 2 cups, 3 paper clips, 10 pennies, 3 dimes, 3 nickels per student pair</li> <li>• coloured pencils (optional)</li> <li>• calculator</li> </ul>
<b>8.2 Solving Equations:</b> $ax + b = c, \frac{x}{a} + b = c$ • 80–100 minutes	440–456	BLM 8–2 Canadian Coins and Their Values BLM 8–5 Section 8.2 Warm Up BLM 8–6 Section 8.2 Extra Practice Master 20 Multiplication Chart		<ul style="list-style-type: none"> <li>• 4 cups, 4 paper clips, 10 pennies, 3 dimes, 3 nickels per student pair</li> <li>• calculator</li> <li>• flash cards (optional)</li> </ul>
<b>8.3 Solving Equations:</b> $a(x + b) = c$ • 80–100 minutes	457–467	BLM 8–7 Section 8.3 Extra Practice		<ul style="list-style-type: none"> <li>• 4 cups, 4 paper clips, 10 pennies, 3 dimes, 3 nickels per student pair</li> <li>• calculator</li> </ul>
<b>8.4 Solving Equations:</b> $ax = b + cx,$ $ax + b = cx + d,$ $a(bx + c) = d(ex + f)$ • 80–100 minutes	468–481	BLM 8–8 Section 8.4 Extra Practice		<ul style="list-style-type: none"> <li>• 4 cups, 4 paper clips, 3 dimes, 4 nickels per student pair</li> <li>• calculator</li> <li>• coloured pencils (optional)</li> </ul>
<b>Chapter 8 Review</b> • 40–50 minutes	483–488			<ul style="list-style-type: none"> <li>• calculator</li> </ul>
<b>Chapter 8 Practice Test</b> • 40–50 minutes	490–492		BLM 8–10 Chapter 8 Test	<ul style="list-style-type: none"> <li>• calculator</li> </ul>
<b>Chapter 8 Math Link: Wrap It Up!</b> • 40–50 minutes	493–494		Master 1 Project Rubric Master 2 Blank Project Rubric	<ul style="list-style-type: none"> <li>• calculator</li> </ul>
<b>Chapter 8 Challenge</b> • 30–40 minutes	495	BLM 8–9 Chapter 8 Challenge BLM 8–11 Chapter 8 BLM Answers	Master 1 Project Rubric Master 2 Blank Project Rubric	<ul style="list-style-type: none"> <li>• calculator</li> <li>• scissors</li> </ul>