

CHAPTER

4 Scale Factors and Similarity

Planning Chart

Section/ Suggested Timing	Student Text Pages	Teacher's Resource Blackline Masters	Assessment	Materials and Tools
Get Ready	174–175	BLM 4–1 Chapter 4 Problems of the Week		<ul style="list-style-type: none"> • calculator
4.1 Enlargements and Reductions • 80–100 minutes	177–187	BLM 4–2 Section 4.1 Extra Practice Master 8 Centimetre Grid Paper		<ul style="list-style-type: none"> • calculator • ruler • tracing paper • overhead project or interactive whiteboard (optional) • examples of different types of drums (optional)
4.2 Scale Diagrams • 80–100 minutes	188–195	BLM 4–3 Section 4.2 Extra Practice		<ul style="list-style-type: none"> • calculator • ruler
4.3 Similar Triangles • 80–100 minutes	196–207	BLM 4–4 Section 4.3 Extra Practice Master 24 Protractors		<ul style="list-style-type: none"> • calculator • ruler • protractor • tracing paper • coloured pencils (optional) • examples of logos
4.4 Similar Polygons • 80–100 minutes	208–214	BLM 4–5 Section 4.4 Extra Practice Master 8 Centimetre Grid Paper Master 24 Protractors		<ul style="list-style-type: none"> • calculator • ruler • protractor • tracing paper
Chapter 4 Review • 40–50 minutes	216–219			<ul style="list-style-type: none"> • calculator • ruler
Chapter 4 Practice Test • 40–50 minutes	221–223	Master 24 Protractors	BLM 4–7 Chapter 4 Test	<ul style="list-style-type: none"> • calculator • ruler • protractor
Chapter 4 Math Link: Wrap It Up! • 80–100 minutes	223	BLM 4–6 Chapter 4 Math Link: Wrap It Up! Master 8 Centimetre Grid Paper	Master 1 Project Rubric Master 2 Blank Project Rubric	<ul style="list-style-type: none"> • calculator • ruler
Chapter 4 Challenge • 40–50 minutes	224–225	Master 9 0.5 Centimetre Grid Paper	Master 1 Project Rubric Master 2 Blank Project Rubric	<ul style="list-style-type: none"> • calculator • ruler • examples of business cards
Chapters 1–4 Review • 60–75 minutes	226–231			<ul style="list-style-type: none"> • calculator • ruler
Chapter 4 Task • 40–50 minutes	232	BLM 4–8 Chapter 4 BLM Answers		<ul style="list-style-type: none"> • paper of different sizes and thicknesses • calculator