

7th Grade Math — Week at a Glance

August 31–September 4, 2026

Monday, August 31, 2026 — Unit 1, Lesson 1, Session 3: Develop Using Scale to Find Areas

Objective	Students will determine how a scale factor affects area and use scale relationships to find unknown areas.
Louisiana State Standard	Louisiana Standard 7.G.A.1 — Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.
Bellringer	Spiral Review
Direct Instruction	Connect length scale factors to area. Model how multiplying each dimension by a scale factor changes area by the square of that factor.
Guided Instruction	Work through Session 3 examples. Students compare corresponding dimensions and areas, identify the scale factor, and explain its effect on area.
Independent Instruction	Students complete Session 3 practice finding areas of scale drawings and actual figures.
Closing	Integer Facts
Homework	
Assessment	Formative checks during guided practice and Session 3 work.

Tuesday, September 1, 2026 — Unit 1, Lesson 1, Session 4: Develop Redrawing a Scale Drawing

Objective	Students will reproduce a scale drawing at a different scale and determine new side lengths using scale factors.
Louisiana State Standard	Louisiana Standard 7.G.A.1 — Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.
Bellringer	Spiral Review
Direct Instruction	Model how to redraw a scale drawing at a new scale. Emphasize identifying the original scale relationship, determining the new scale factor, and multiplying corresponding lengths accurately.
Guided Instruction	Students work through Session 4 examples using grid paper, tables, or equations to create a new scale drawing and verify equivalent side-length ratios.
Independent Instruction	Students complete Session 4 practice reproducing scale drawings at different scales and solving for missing dimensions.
Closing	Integer Facts
Homework	
Assessment	Formative checks during guided practice and Session 4 work.

Wednesday, September 2, 2026 — Unit 1, Lesson 2, Session 1: Explore Unit Rates Involving Ratios and Fractions

Objective	Students will explore unit rates involving ratios of fractional quantities and use models and reasoning to compare rates.
Louisiana State Standard	Louisiana Standard 7.RP.A.1 — Compute unit rates associated with ratios of fractions, including ratios of lengths, areas, and other quantities measured in like or different units.
Bellringer	Spiral Review
Direct Instruction	Introduce Lesson 2 and review ratio, rate, unit rate, and fraction division. Model how diagrams and double number lines can represent ratios involving fractions.
Guided Instruction	Use the i-Ready Try–Discuss–Connect routine. Students analyze fractional ratios, discuss strategies for finding a rate for 1 unit, and connect their reasoning to division.
Independent Instruction	Students complete Session 1 practice exploring unit rates involving ratios of fractions and explain their reasoning.
Closing	Integer Facts
Homework	
Assessment	Formative checks during discussion and Session 1 work.

Thursday, September 3, 2026 — Unit 1, Lesson 2, Session 2: Develop Solving Problems with Unit Rates for Ratios with Two Fractions

Objective	Students will find unit rates for ratios involving two fractional quantities and use unit rates to solve problems.
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Louisiana State Standard	Louisiana Standard 7.RP.A.1 — Compute unit rates associated with ratios of fractions, including ratios of lengths, areas, and other quantities measured in like or different units.
Bellringer	Spiral Review
Direct Instruction	Model finding a unit rate when both quantities are fractions. Connect double number lines and fraction models to division of fractions.
Guided Instruction	Work through Session 2 examples. Students use models, equations, and division to determine unit rates and explain how the quantities are related.
Independent Instruction	Students complete Session 2 practice solving problems with unit rates for ratios involving two fractions.
Closing	Integer Facts
Homework	
Assessment	Formative checks during guided practice and Session 2 work.

Friday, September 4, 2026 — Assessment: Lesson 1 Sessions 1–4 & Lesson 2 Sessions 1–2

Objective	Students will demonstrate understanding of scale drawings, scale factors, distances and areas, redrawing at a different scale, and unit rates involving ratios of fractions.
Louisiana State Standard	Louisiana Standard 7.G.A.1 — Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale. Louisiana Standard 7.RP.A.1 — Compute unit rates associated with ratios of fractions, including ratios of lengths, areas, and other quantities measured in like or different units.
Bellringer	Spiral Review
Direct Instruction	Briefly review key concepts from Lesson 1 Sessions 1–4 and Lesson 2 Sessions 1–2, including scale drawings, scale factors, corresponding lengths and areas, and unit rates involving fractions.
Guided Instruction	Complete a short mixed review. Students identify the appropriate strategy, discuss reasoning, and solve representative scale and unit-rate problems.
Independent Instruction	Students complete the assessment covering Lesson 1 Sessions 1–4 and Lesson 2 Sessions 1–2.
Closing	Integer Facts
Homework	
Assessment	Assessment — Unit 1, Lesson 1 Sessions 1–4 and Lesson 2 Sessions 1–2.