

UNIT 3 - LESSON PLANS

Class Math 4 Topic Area and Perimeter Models Lesson 1 Of 6

Objective	Students will: <ul style="list-style-type: none">• Interpret a multiplication equation as a comparison• Multiply or divide to solve word problems involving multiplicative comparison• Apply the area and perimeter formulas for rectangles in real world and mathematical problems
"I Can" Statement	I can explain how one factor in a multiplication problem changes the other factor to make the product. I can write verbal statements about multiplicative comparisons as equations. I can solve word problems involving multiplication by using drawings. I can solve word problems involving multiplication by using equations and a symbol for the unknown. I can explain the difference between multiplicative comparison and an additive comparison. I can solve real world problems involving the perimeter of rectangles. I can solve real world problems involving the area of rectangles.

<p>Common Core Standards</p>	<p>CCSS.MATH.CONTENT.4.OA.1 Interpret a multiplication equation as a comparison, e.g., interpret $35 = 5 \times 7$ as a statement that 35 is 5 times as many as 7 and 7 times as many as 5. Represent verbal statements of multiplicative comparisons as multiplication equations.</p> <p>CCSS.MATH.CONTENT.4.OA.A.1 Multiply or divide to solve word problems involving multiplicative comparison, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison.</p> <p>CCSS.Math.Content.4.MD.A.3 Apply the area and perimeter formulas for rectangles in real world and mathematical problems. For example, find the width of a rectangular room given the area of the flooring and the length, by viewing the area formula as a multiplication equation with an unknown factor.</p>
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<p>Bell Work</p>	<p>See Bell Work 3-1</p>
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<p>Procedures</p>	<ol style="list-style-type: none"> 1. Start and lead student discussion related to the bell work. 2. Distribute the Guided Notes 3. Present lesson on PowerPoint slide. 4. Use an Online Activity if time permitted. 5. Distribute Lesson Assignment.
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<p>Assessment</p>	<p>Bell Work 3-1 Assignment 3-1 Exit Quiz 3-1</p>
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<p>Additional Resources</p>	<p>See Online Activities</p>
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