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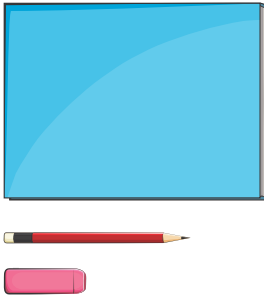
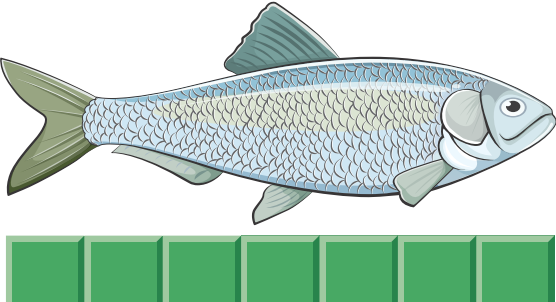
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About the Mathematics in This Unit

Dear Family,

For the next few weeks we will be working on a new mathematics unit about measurement and fractions called *Fish Lengths and Fraction Rugs*. Your child will be comparing the lengths of objects by measuring them with a variety of units, such as cubes, paper clips, and inch tiles. We will also work on story problems about comparing lengths, learn how to tell time to the hour, and investigate halves and fourths.

Throughout this unit, students will be working toward these goals:

Benchmarks/Goals	Examples
<p>Compare the lengths of two objects indirectly using a third object.</p>	<p>The book is longer than the pencil. The eraser is shorter than the pencil. So the book is longer than the eraser.</p> 
<p>Demonstrate accurate techniques when measuring an object or distance. These techniques include starting at the beginning, ending at the end, leaving no gaps or overlaps, measuring in a straight line, and keeping track of the number of units.</p>	

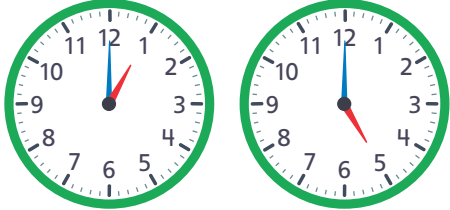
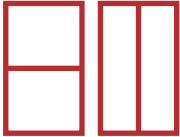



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About the Mathematics in This Unit

Benchmarks/Goals	Examples
Solve comparison story problems about how many more or fewer.	Sam's fish is 6 inches long. Kim's fish is 8 inches long. How much longer is Kim's fish? (or How much shorter is Sam's fish?)
Tell time to the hour.	
Identify and divide shapes into halves and fourths.	<p>These show halves.</p>  <p>This shows fourths.</p> 

Throughout this unit, students are learning to use consistent units to measure accurately and to understand the underlying mathematics of measuring. This kind of experience will improve their sense of what measuring is all about. Their work with fractions begins to lay the foundation for work in later grades. In the coming weeks, you will receive more information about the mathematics in this unit as well as suggested activities to do at home.