



NAME _____

DATE _____

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About the Mathematics in This Unit

Dear Family,

Our class is starting a new addition and subtraction unit, *Large Numbers and Landmarks*. During this unit, students study place value in large numbers, and complete a final study of addition and subtraction strategies. Students are expected to leave Grade 4 using a variety of strategies, including the U.S. standard algorithms, to fluently solve multidigit addition and subtraction problems.

Throughout the unit, students work toward these goals:

Benchmark/Goal	Examples
Read, write, and compare numbers up to 1,000,000 and round them to any place.	<p>68,094</p> <p>Expanded form: $60,000 + 8,000 + 90 + 4$</p> <p>Words: sixty-eight thousand, ninety-four</p> <p>Rounded to nearest 10,000: 70,000</p> <p>Rounded to nearest 1,000: 68,000</p> <p>Rounded to nearest 100: 68,100</p> <p>Rounded to nearest 10: 68,090</p>
Fluently solve multidigit addition and subtraction problems using a variety of strategies including the U.S. standard algorithms.	<p>$451 - 287 =$</p> <p>Solution 1</p> <p>Solution 2</p> $\begin{array}{r} 3 \ 14 \ 11 \\ 4 \ 5 \ 1 \\ - 2 \ 8 \ 7 \\ \hline 1 \ 6 \ 4 \end{array}$



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Benchmark/Goal	Examples
Use addition and subtraction to solve word problems involving measurement.	<i>Carmen flies from Los Angeles to Mexico City, which is 4,771 kilometers. From Mexico City she flies to Rio de Janeiro, which is 7,678 kilometers. How far does she fly altogether?</i>

In our math class, students spend time discussing problems in depth and are asked to share their reasoning and solutions. It is important that children solve math problems accurately and efficiently in ways that make sense to them. At home, encourage your child to explain the math thinking that supports those solutions.

Please look for more information and activities about *Large Numbers and Landmarks* that will be sent home in the coming weeks.