About the Mathematics in This Unit (page 1 of 2)

Dear Family,

Our class is starting a new mathematics unit, *Thousands of Miles, Thousands of Seats.* During this unit, students study place value in large numbers, complete a final study of subtraction strategies, and practice solving addition and subtraction problems involving large numbers.

Throughout the unit, students work toward these goals:

BENCHMARKS/ GOALS	EXAMPLES
Read, write, and sequence numbers up to 100,000.	Is 56,072 closer to 56,000 or 56,100? How do you know?
Solve subtraction problems accurately and efficiently, choosing from a variety of strategies.	$\begin{array}{r} 50{,}460 \\ -21{,}980 \end{array}$ **Solution 1:** $\begin{array}{r} 50{,}460 \\ -22{,}000 \\ \hline 28{,}460 \\ +\quad 20 \\ \hline \mathbf{28{,}480} \end{array}$ **Solution 2:** $21{,}980 + \mathbf{20} = 22{,}000$ $22{,}000 + \mathbf{28{,}000} = 50{,}000$ $50{,}000 + \mathbf{460} = 50{,}460$ $20 + 28{,}000 + 460 = \mathbf{28{,}480}$
Demonstrate fluency with division problems related to the multiplication combinations to 12 × 12 (division facts).	7 ⟌ 56 $56 \div 7 = \underline{\ 8\ }$ $\boxed{8 \times 7 = 56}$ think

(continued)

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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 accurately and efficiently solve math problems in ways that make sense to them. At home, encourage your child to explain his or her math thinking to you.

Please look for more information and activities about *Thousands of Miles, Thousands of Seats* that will be sent home in the coming weeks.