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About the Mathematics in This Unit

Dear Family,

Our class is starting a new mathematics unit about multiplication and division called *How Many People and Teams?* In this unit, students solve multiplication problems and learn and practice the U.S. standard algorithm for multiplication. Students focus on refining and efficiently using division strategies. They solve multi-step problems.

Throughout the unit, students work toward the following goals:

Benchmarks/Goals	Examples	
Fluently solve multidigit multiplication problems using a variety of strategies including the U.S. standard algorithm.	$126 \times 48 =$ Change 126×48 to 126×50 $126 \times 100 = 12,600$ $126 \times 50 = 6,300$ $6,300 - 252 = 6,048$	$\begin{array}{r} 12 \\ 24 \\ 126 \\ \times 48 \\ \hline 1008 \\ + 5040 \\ \hline 6,048 \end{array}$
Solve division problems with up to 4-digit dividends and 2-digit divisors efficiently.	$374 \div 12$ $12 \times 30 = 360$ $374 - 360 = 14$ $14 \div 12$ is 1 R2 31 R2	$374 \div 12$ $20 \times 12 = 240$ $10 \times 12 = 120$ $1 \times 12 = 12$ $31 \times 12 = 372$ $31 \text{ R}2$



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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 most important that students 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 *How Many People and Teams?* that will be sent home in the coming weeks.