



NAME _____

DATE _____

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About the Mathematics in This Unit

Dear Family,

Our class is starting a new mathematics unit about addition and subtraction called *How Many Miles?* During this unit, students build on the work from Unit 3 as they practice and refine addition and subtraction strategies working with 3-digit numbers.

Throughout the unit, students work toward these goals:

Benchmark/Goal	Examples																				
Solve addition and subtraction problems involving masses or volumes.	A juice carton has 300 milliliters of juice in it. A different juice carton has 145 milliliters in it. How much juice is in both cartons?																				
Solve 3-digit addition problems using at least one strategy fluently.	Solve: <table style="display: inline-table; vertical-align: middle; margin-left: 20px;"> <tr> <td style="text-align: right;">438</td> <td style="text-align: right;">438</td> </tr> <tr> <td style="text-align: right;">+ 257</td> <td style="text-align: right;">+ 200</td> </tr> <tr> <td style="text-align: right;">-----</td> <td style="text-align: right;">-----</td> </tr> <tr> <td style="text-align: right;">600</td> <td style="text-align: right;">638</td> </tr> <tr> <td style="text-align: right;">80</td> <td style="text-align: right;">+ 50</td> </tr> <tr> <td style="text-align: right;">+ 15</td> <td style="text-align: right;">-----</td> </tr> <tr> <td style="text-align: right;">-----</td> <td style="text-align: right;">688</td> </tr> <tr> <td style="text-align: right;">695</td> <td style="text-align: right;">+ 7</td> </tr> <tr> <td></td> <td style="text-align: right;">-----</td> </tr> <tr> <td></td> <td style="text-align: right;">695</td> </tr> </table>	438	438	+ 257	+ 200	-----	-----	600	638	80	+ 50	+ 15	-----	-----	688	695	+ 7		-----		695
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+ 15	-----																				
-----	688																				
695	+ 7																				

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Solve 3-digit subtraction problems fluently.	Solve: <table style="display: inline-table; vertical-align: middle; margin-left: 20px;"> <tr> <td style="text-align: right;">539</td> <td style="text-align: right;">$381 + \underline{19} = 400$</td> </tr> <tr> <td style="text-align: right;">-381</td> <td style="text-align: right;">$400 + \underline{139} = 539$</td> </tr> <tr> <td style="text-align: right;">-----</td> <td style="text-align: right;">$139 + 19 = 158$</td> </tr> </table> 	539	$381 + \underline{19} = 400$	-381	$400 + \underline{139} = 539$	-----	$139 + 19 = 158$														
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About the Mathematics in This Unit

Benchmark/Goal	Examples
Estimate and measure liquid volume and mass using standard units.	How many liters does the container hold? 

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 related to Unit 7 that will be sent home in the coming weeks.