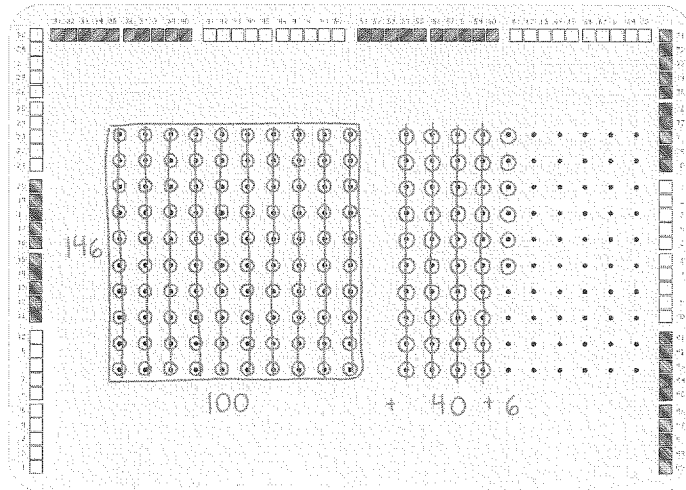


Dear Family:

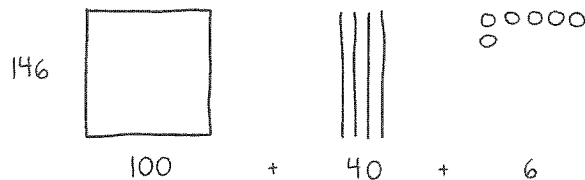
Your child is learning about place value and will use this knowledge to add 2- and 3-digit numbers.

As we begin this unit, your child will represent numbers using drawings like this one:



Then, children will begin to represent numbers using Quick Hundreds and Quick Tens.

Quick Hundred      Quick Tens      Ones



Name a 2- or 3-digit number and ask your child to make a drawing to represent that number.

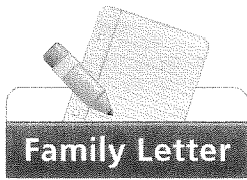
Later in this unit, children will work on adding 2-digit numbers using the drawings to help them.

Thank you. Please call or write if you have any questions.

Sincerely,  
Your child's teacher

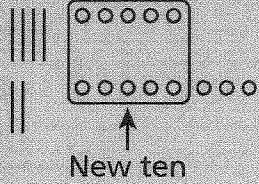
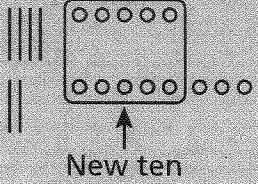


Unit 2 includes the Common Core Standards for Mathematical Content for Operations and Algebraic Thinking, 2.OA.1, 2.OA.2; Number and Operations in Base Ten, 2.NBT.1, 2.NBT.1a, 2.NBT.1b, 2.NBT.2, 2.NBT.3, 2.NBT.4, 2.NBT.5, 2.NBT.6, 2.NBT.7, 2.NBT.8, 2.NBT.9; Measurement and Data, MD.8; and all Mathematical Practices.



Dear Family:

Your child is now learning how to add 2-digit numbers. The “big mystery” in adding is making a new ten or a new hundred. Children can write this new group in several ways.

Show All Totals	New Groups Below
$\begin{array}{r} 45 \\ + 28 \\ \hline \end{array}$ <p>Add tens. → 60 Add ones. → 13</p> $\begin{array}{r} 60 \\ + 13 \\ \hline 73 \end{array}$ <p>Find total tens.    Find total ones.</p> 	$\begin{array}{r} 45 \\ + 28 \\ \hline 73 \end{array}$  <p>Find total ones. (13) Write 3 and put the new ten in the tens column ready to add. Add the tens. (<math>4 + 2 = 6</math>, <math>6 + 1 = 7</math>)</p>

Children usually find it easier to write the new ten below because then they add the new ten last. They add  $4 + 2 = 6$  and then  $6 + 1 = 7$ .

**New Groups Above**

$$\begin{array}{r} 1 \\ 45 \\ + 28 \\ \hline 73 \end{array}$$

Traditionally, most children have learned to write the new ten above. With this method, you add  $1 + 4 = 5$  and then  $5 + 2 = 7$ . This is more difficult for many children, but some children may still choose this method, particularly if they have been taught to do so previously.

Thank you for helping your child learn mathematics.

Sincerely,  
Your child's teacher



Unit 2 includes the Common Core Standards for Mathematical Content for Operations and Algebraic Thinking, 2.OA.1, 2.OA.2; Number and Operations in Base Ten, 2.NBT.1, 2.NBT.1a, 2.NBT.1b, 2.NBT.2, 2.NBT.3, 2.NBT.4, 2.NBT.5, 2.NBT.6, 2.NBT.7, 2.NBT.8, 2.NBT.9; Measurement and Data, MD.8; and all Mathematical Practices.