Dear Families,

Being able to think in number pairs is part of having "number sense." In the upper elementary grades, students with number sense are able to see patterns in numbers, to make estimates and predictions about outcomes, and to recognize when answers are unreasonable. They know when to perform what operation, that is, they know when to add, subtract, multiply, and divide.

Another way to demonstrate number sense is recognizing the relationships that numbers have to each other. When children learn to add, we teach them the commutative property of addition: 3 + 4 is the same as 4 + 3. We teach them several ways to add numbers to get to 10. Now we expect them to know those concepts automatically so that number sense can help them solve ever more complex problems.

This homework helps develop number sense by finding pairs of numbers that add up to 100. See if you and your child can come up with a rule for finding the pairs.

Sample Problem

We did this in class.

Find eight pairs of numbers that add up to 50. List them here:

_____, _____, _____, _____,

_____, _____, _____, _____.

Skill: Number Pairs to 100

Let's work on this together.

Directions: Find pairs of numbers below that add up to 100. Write them in the space provided. Hint: Some numbers do **not** have a pair!

55	12	18	45	39
22	78	37	59	67
75	73	33	13	7
27	48	93	36	41
87	29	61	82	63

1. List all of the pairs here: _____, _____, _____, _____, _____, _____, _____, _____, _____, _____.

2. Which numbers did not have a pair? _____, _____, _____, _____, _____.

3. Create number pairs for each number that did not have one. Remember, each pair must add to 100. _____, _____, _____, _____, _____.

4. Write a rule for finding number pairs that add to 100.

_____

_____

We completed this assignment together.

_____ (Parent's signature)

_____ (Child's signature)