# Lesson 136



## Lesson Objective
Students will add two numbers vertically to a sum of 10.

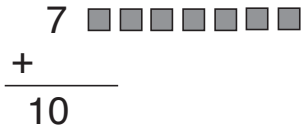
## Lesson Preparation
No special preparation is required.

## Lesson Plan
This is the first time that students will add two numbers to a sum of 10 or more, with two digits in the sum.

Go through some addition problems orally, so they are only thinking about the numbers and not how to write them out. After a few lower value problems, adding to nine or less, do a problem adding to ten. Go on with a few more problems adding to sums over ten.

Distribute the Lesson Sheets and work through all the problems together. Tell them they can count the squares if it helps with their addition.

Next, ask seven students to come to the front of the room. Write 7, seven squares, a plus sign, and an equal line on the board:




Ask the class how many more students we need to add to these 7 to get to 10. Write 10 below the equal line on the board.

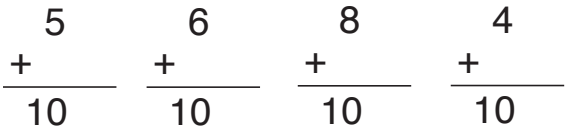
Now have two more students join the others at the front of the room. Ask the class if two more added to 7 will be 10. Have a child count the standing children. (No, there are only 9.) Have the final two students return to their seats.

Once again, ask the class how many more students we need to add to these 7 to get to 10. Let them make suggestions. Ask three more students to join the others at the front of the room. Have another student come forward and count all the students standing. Explain that 7 plus 3 equals 10.

Write 3 next to the plus sign on the board. Have a child draw 3 squares next to the number 3. Then have the child start with the larger number (7) and count the remaining squares to show that they total 10.

Explain that we can also count the empty chairs and see if they equal 10. Have a child count the chairs. Then have everyone return to their seats.

Print some of the following problems on the board. Let the children use pencils, fingers, people, or draw squares to find the number that makes 10 when added to the given number:




Have the students check their work by counting the squares or people (or empty chairs).