

# 1 Teaching the Lesson (continued)

## The Learning Classroom

**Building Concepts** After learning the decade numbers, children begin building an integrated concept of tens and ones, beginning with teen numbers. Integrating tens and ones into an understanding of 2-digit numbers represents an enormous conceptual advance over simply counting by tens, and this skill takes practice.

## Teaching Note

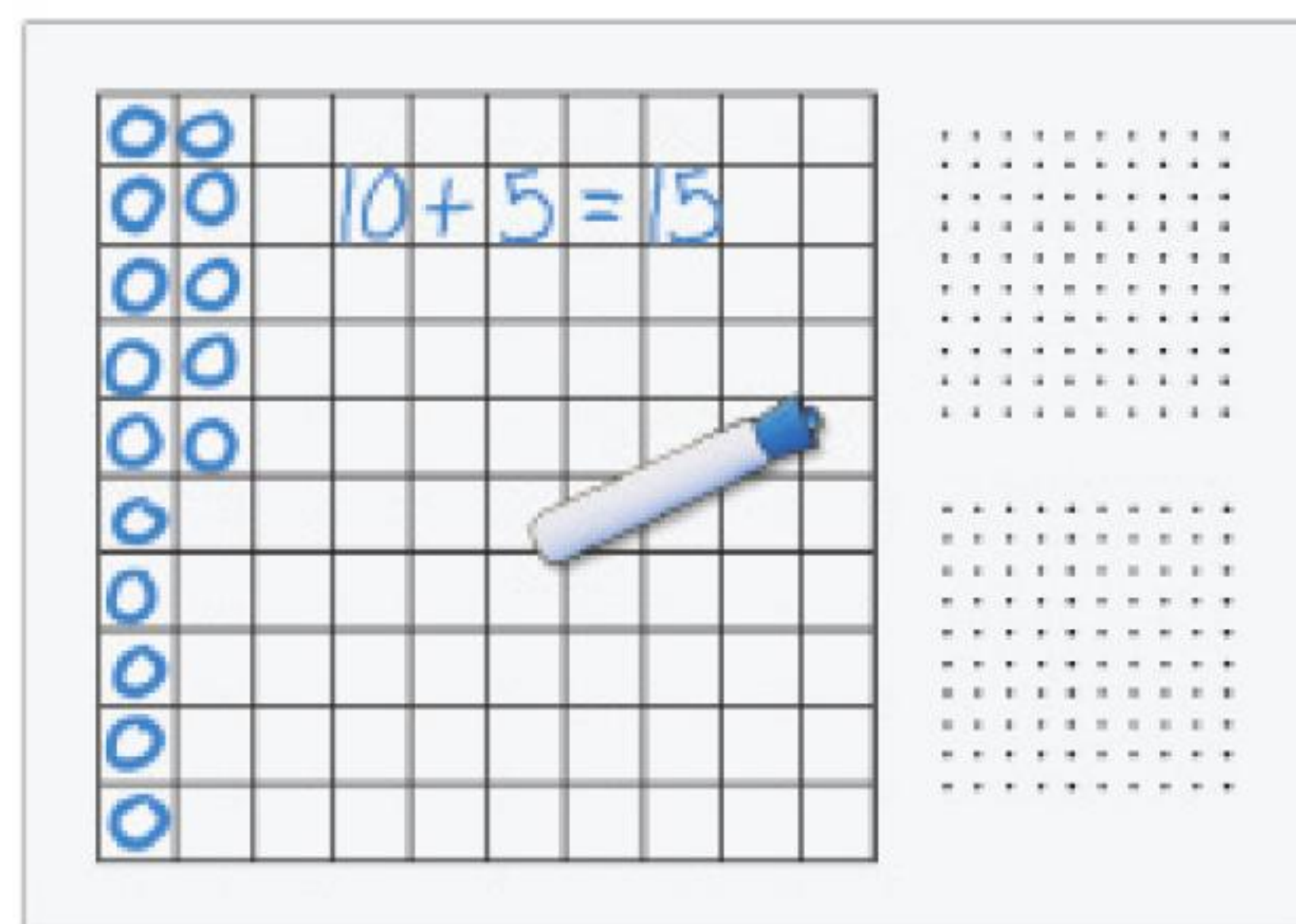
**Watch For!** Some children may not realize that 11 and 12 are teen numbers because they don't end with the suffix *teen*. Discuss this problem as necessary and demonstrate that there is a hidden ten and extra ones in each number.

## English Language Learners

Write numerals 1 to 19 on the board in two columns (1–10 and 11–19). Explain that 11–19 are called teen numbers.

- **Beginning** Point to and read each number. Have children repeat.
- **Intermediate** Invite children to compare the single-digit number words and the teen number words, for example, four and fourteen.
- **Advanced** Have children discuss which teen number words end in *-teen* and which do not (eleven, twelve).

Now have children draw 5 more circles in the second column. First, ask children how many circles are on their grids. Then ask a volunteer to show that number with the Demonstration Secret Code Cards. Finally, ask children to write the following equation about their circles somewhere on their MathBoards or paper:  $10 + 5 = 15$ . Assure them that they can write on the grid or on the dots.



## ► Represent Other Teen Numbers WHOLE CLASS

Have the class name other numbers between 10 and 20. First, have the class show the number by drawing circles on their grids. Then have a volunteer use Secret Code Cards to display the number. Finally, have children write an equation on their MathBoards or paper that begins with 10, such as  $10 + 8 = 18$ .



**Math Talk** Ask children to summarize what they have learned about teen numbers.

- How are all teen numbers alike? **Possible response:** They are all made up of 10 and some ones.
- How are teen numbers different? **Possible response:** They all end in *teen* except for eleven and twelve.