

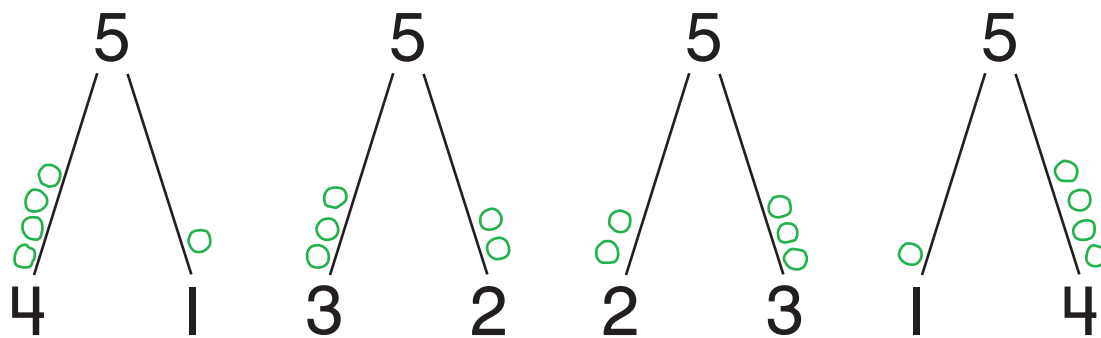
## Teaching Unit 4 (Continued)

### Math Background

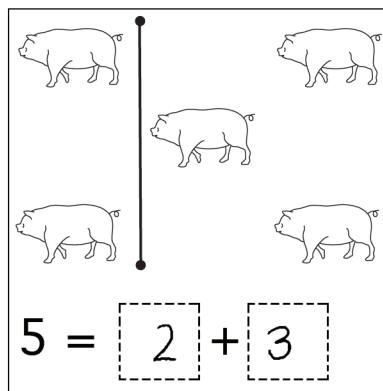
#### Partners

**Math Mountains** In this unit, children will continue the practice games with partners that were begun in Unit 3. Here we introduce a new model for partners: the Math Mountain, which is used through Grade 5 as a powerful visual representation for relating addition and subtraction.

We introduce Math Mountains in kindergarten in an imaginative context. Tiny Tumblers (represented by little circles) live on the Math Mountain and play on its sides. Children draw partners of numbers by drawing different numbers of Tiny Tumblers on each side of the Math Mountain.



**Equations** Initially children complete partner equations by interpreting a picture of items and writing the partners in the boxes. Later they complete equations by writing the partners with the plus sign. These activities are conducted for numbers 2 through 6 and 10.



The diagram shows five circles in a row, with three filled green circles on the left and two empty white circles on the right. Below the diagram is the equation  $5 = 3 + 2$ .

The diagram shows ten circles in a row, with three filled green circles on the left and seven empty white circles on the right. Below the diagram is the equation  $10 = 3 + 7$ .