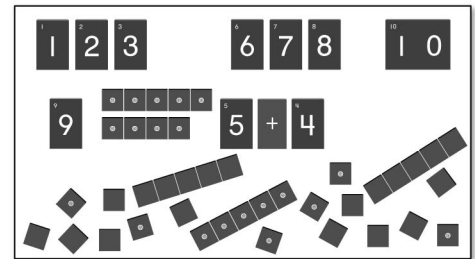


## Teaching Unit 2 (Continued)

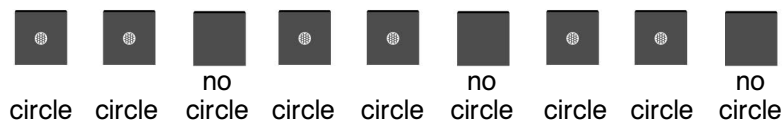
### Math Background

#### Expanding on Unit 1

**Counting Mat Activities** The focus in Unit 2 is on activities that show a 5-group and numbers 6 through 10. Pennies, Nickel Strips, and 5-square tiles enable children to make numbers quickly with a 5-group. Children use the new + tile to show  $5 + 1$ ,  $5 + 2$ ,  $5 + 3$ ,  $5 + 4$ ,  $5 + 5$ , and = and  $\neq$  are introduced.



**Geometry and Spatial Activities** Geometry and spatial concepts continue to be woven into many activities. Children compare and contrast shapes and size through spatial, visual, and kinesthetic experiences. They read shape books and repeating patterns are introduced.

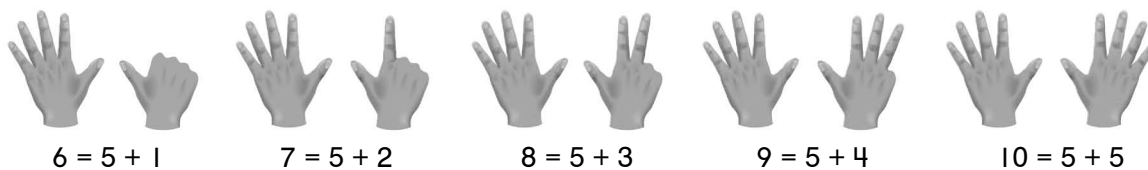


**Real-Life Connections** In Unit 2, children begin telling and enacting math stories about adding, subtracting, matching, and finding partners of a number. These stories come from pictures and from familiar situations like a family dinner.

### Number and Operations

#### The Importance of Five

**Why?** It is important to see and use 5-groups in the numbers 6 through 10 because it gives children a tremendous advantage as they move into addition and subtraction.



**Mental Strategies** Children eventually start using mental strategies to group (add) and ungroup (subtract) numbers. Children actually “see” the 5 in their heads as they work to add and subtract numbers. The activities in this unit provide opportunities for mental visual representations through daily practice using a variety of tools. The more the materials are used, the more children will learn to use the mental images to visualize. As we say in this program, “Close your eyes. Visualize.”

**Daily Routines** Continue the *Money Routine* throughout Unit 2. The description of the *Money Routine* begins on page xxiii of the Introduction.

