

## Math Background

### Dimes, Nickels, and Pennies

Children have previously worked only with nickels and pennies. In Unit 5, they are introduced to dimes as well. Initially, they make 2-digit coin amounts using just dimes and pennies. These activities map directly into their knowledge of tens and extra ones. Children progress to using the three coin types to show monetary amounts. Their goal is to make a 2-digit amount with the fewest coins possible.

In this unit, children are also introduced to the dollar in terms of 100 pennies and 10 dimes.

### Teen Solution Methods

In the previous unit, children explored methods of adding two numbers that resulted in a teen total. In Unit 5, they build on this foundation. They explore methods of subtracting from a teen total and finding an unknown addend for a teen total. This is integrated with story problems and coin problems.

$$16 - 9 = \square$$

$$9 + \square = 16$$

