

Using the Fewest Coins

10¢ can be made in different ways.

- 1 Are there any amounts of money that can be made in only one way? Explain.

- 2 For any amount, what coins would you use to get a combination using the largest number of coins? Explain.

- 3 Linda had 7 coins worth 53¢ in her pocket. She used 3 coins to buy a pencil. She now has 22¢. What were the 3 coins she used? Explain.

- 4 How many different amounts can you have with only 2 coins? Name the coins and amounts.

- 5 David has 1 quarter, 1 dime, 2 nickels, and 1 penny. How many combinations of 3 coins can he make? List the combinations.