



NAME \_\_\_\_\_ DATE \_\_\_\_\_

## COUNTING MONEY WITHOUT USING COINS

Solve word problems involving the total value of a group of coins.

- 1) There are 4 dimes and 3 nickels in Susan's piggy bank. Novaya has 17 pennies and 3 nickels in her piggy bank. What is the total value of the money in both piggy banks.

**Solution:**

Money in Susan's piggy bank = \_\_\_ dimes, \_\_\_ nickels.

Novaya has money in her piggy bank = 17 pennies and 3 nickels.

$$\begin{aligned} \text{Total value of the money} &= \text{___ dimes} + \text{___ nickels} + \text{___ pennies} + \text{___ nickels.} \\ &= \text{___ cents} + \text{___ cents} + \text{___ cents} + \text{___ cents.} \\ &= \text{___} + \text{___} + \text{___} + \text{___}. \\ &= \text{___} + 17. \\ &= \text{___ cents.} \end{aligned}$$

**By arrow way:**

$$40 \xrightarrow{+10} \text{___} \xrightarrow{+10} \text{___} \xrightarrow{+10} \text{___} \xrightarrow{+10} \text{___} \xrightarrow{+7} \text{___}$$

- 2) Tyson had 1 quarter, 4 dimes, 4 nickels and 5 pennies. He gave 57 cents to his cousin. How much money does Tyson have left?

**Solution:**

Money with Tyson = \_\_\_ quarter + \_\_\_ dimes + \_\_\_ nickels + \_\_\_ pennies.

$$= \text{___} + \text{___} + \text{___} + \text{___} = \text{___ cents.}$$

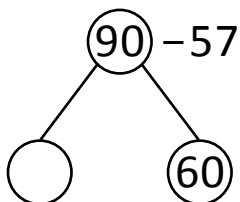
**By arrow way:**

$$25 \xrightarrow{+5} \text{___} \xrightarrow{+40} \text{___} \longrightarrow 90$$

Gave money to his cousin = \_\_\_ cents.

Money have left with Tyson = \_\_\_ - \_\_\_ = \_\_\_ cents.

**By using number bond:**



$$60 - 57 = \text{___}.$$

$$30 + 3 = \text{___}.$$

**By arrow way:**

$$90 \xrightarrow{-50} \text{___} \xrightarrow{-10} \text{___} \xrightarrow{+3} \text{___}$$