



NAME \_\_\_\_\_

DATE \_\_\_\_\_

## CONSERVATION OF CURRENCY

Solve using the arrow way, a number bond or a tape diagram.

1) Kelly bought a pencil sharpener for 47 cents and a pencil for 35 cents. What was her change from \$1?

**Solution:**

Cost of sharpener = 47 cents.

Cost of pencil = \_\_\_\_ cents.

$$\begin{array}{r}
 47 + 35 \\
 \swarrow \quad \searrow \\
 42 \quad \quad 5
 \end{array}
 = 42 + \underline{\quad} = 82.$$

**By arrow way:**

She could get change from \$1 = \_\_\_\_ cents.

$$100 \xrightarrow{-80} \underline{\quad} \xrightarrow{-1} \underline{\quad} \xrightarrow{-1} \underline{\quad}$$

$$= 100 - 82$$

(OR)

(Subtract 2 from both numbers) =  $98 - 80 = \underline{\quad}$  cents.

18 cents = \_\_\_\_ dime \_\_\_\_ nickel \_\_\_\_ pennies.

(OR)

= \_\_\_\_ nickels \_\_\_\_ pennies.

2) Nolan has 1 quarter, 1 nickel and 21 pennies. His brother gave him 2 coins. Now he has 86 cents. What are the two coins that his brother gave him?

**Solution:**

Money with Nolan = \_\_\_\_ quarter, \_\_\_\_ nickel and \_\_\_\_ pennies.

$$= 25 + \underline{\quad} + \underline{\quad} = \underline{\quad} \text{ cents.}$$

$$= \underline{\quad} + \underline{\quad} = \underline{\quad} \text{ cents.}$$

Number of coins he got from his brother = \_\_\_\_.

Total amount he have = \_\_\_\_ cents.

Value of 2 coins = \_\_\_\_ - \_\_\_\_ = \_\_\_\_ cents.

$$= 25 + 10 \text{ cents.}$$

The two coins are = 1 quarter, 1 dime.

1 quarter = 10 cents

1 dime = 10 cents