



NAME \_\_\_\_\_

DATE \_\_\_\_\_

## CONSERVATION OF CURRENCY

Solve word problems involving different ways to make change from \$1. Solve using the arrow way, a number bond or a tape diagram.

1) Joseph spent 75 cents of his dollar at the arcade. How many cents is he left with?

**Solution:**

$$\$1 = 100 \text{ cents}$$

Joseph spent at the arcade \_\_\_\_ cents of his dollar.

Remaining money he have left = \_\_\_\_ - \_\_\_\_ = \_\_\_\_.

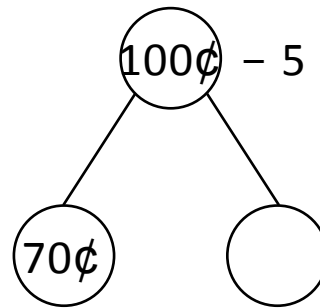
**By arrow way:**

$$100 \longrightarrow 30 \xrightarrow{-5} \underline{\quad}$$

**Tape diagram:**

100	-70			

**By number bond:**



$$\begin{aligned}
 100\text{¢} - 5 &= 30 - 5 \\
 &= 20 + \underline{\quad} - 5 \\
 &= 20 + \underline{\quad} \\
 &= \underline{\quad}.
 \end{aligned}$$

2) Toby bought some fruits for 45 cents. He gave \$1 to the fruit merchant. How many cents he will get back?

**Solution:**

Toby bought some fruits for \_\_\_\_ cents.

He gave \_\_\_\_ dollar to the fruit merchant. (1 dollar = \_\_\_\_ cents)

Money he will get back = \_\_\_\_ - \_\_\_\_ = \_\_\_\_.

**By arrow way:**

$$100 \longrightarrow \underline{\quad} \xrightarrow{-10} \underline{\quad} \xrightarrow{+5} \underline{\quad}$$

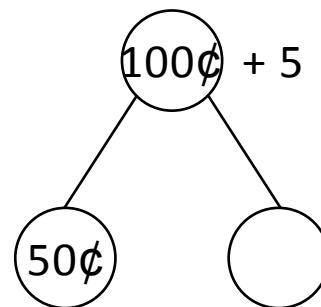
(OR)

$$100 \longrightarrow 50 \xrightarrow{+5} \underline{\quad}$$

**Tape diagram:**

100	-40		-10		+5	

**By number bond:**



$$\begin{aligned}
 100\text{¢} + 5 &= 50 + \underline{\quad} \\
 &= \underline{\quad}.
 \end{aligned}$$