



NAME _____ DATE _____

CONSERVATION OF CURRENCY

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

- 1) Jackie bought a sweater at the store for \$42. She had 3 five dollar bills and 6 one dollar bills left over. How much money does she have before buying the sweater?

Solution: Cost of the sweater Jackie bought = ____ dollars.
Money she left over.

By arrow way:

$$15 \xrightarrow{+5} \underline{\quad} \xrightarrow{+1} \underline{\quad}$$

Five dollar bills (3) = ____ dollars.

Six dollar bills (6) = ____ dollars.

Total = ____ + ____ = 21.

Money she had before buying the sweater = ____ + ____ = 43 + 20 = ____.

- 2) Akio found 18 cents in his pocket. He found 6 more coins in his other pocket. Altogether he has 73 cents. What were the 6 coins he found in his other pocket?

Solution: Akio found ____ cents in his pocket.

He found ____ more coins in his other pocket.

He has money altogether = ____ cents.

Value of the coins he has = ____ - ____ = ____.

(OR)

(Add 2 for both numbers) = 75 - 20 = ____ cents.

Akio found 6 coins = 5 Dimes, 1 Nickel.

1 dime = 10 cents

1 nickel = 5 cents

- 3) Hagen bought a pretzel for 3 dimes and a nickel. She also bought a juice box. She spent 92 cents. How much was the juice box?

Solution: Cost of pretzel = ____ dimes ____ nickel.

= ____ + ____ = ____ cents.

Cost of pretzel and juice box = ____ cents.

Cost of the juice box = ____ - ____ = ____ cents.

(OR)

(Add 5 for both numbers) = 97 - 40 = ____ cents.