

Coin Value Quest

Write coin amounts with cents and dollars.

GRADE 2 • TEKS 2.5.B

2.5.B "use the cent symbol, dollar sign, and the decimal point to name the value of a collection of coins."

NAME _____

DATE _____

SHOW COIN VALUES

A dollar has 100 cents. Use the cent symbol, ¢, to name cents. To write an amount less than one dollar with a dollar sign, write \$0, a decimal point, and two digits for the cents.

WORKED EXAMPLE

A toy box has 2 quarters, 1 dime, and 3 pennies. Name the value in cents and in dollars.

1. 2 quarters = 50¢.
2. 1 dime = 10¢.
3. 3 pennies = 3¢.
4. $50¢ + 10¢ + 3¢ = 63¢$.

Answer: 63¢ = \$0.63

PRACTICE 5 problems

- 1** A pet jar has 1 quarter and 4 pennies. Write the value in cents and in dollars.

ANSWER _____

- 2** A game pouch has 3 dimes and 2 nickels. Write the value in cents and in dollars.

ANSWER _____

- 3** A snack jar has 1 quarter, 1 dime, 1 nickel, and 2 pennies. Write the value in cents and in dollars.

ANSWER _____

- 4** A book bag has 4 nickels and 7 pennies. Write the value in cents and in dollars.

ANSWER _____

- 5** A sticker box has 2 quarters, 1 nickel, and 6 pennies. Write the value in cents and in dollars.

ANSWER _____

APPLY IT Show your work

- 1** Nia has 1 quarter, 3 dimes, and 1 penny for a bookmark. The bookmark costs 56¢. Does Nia have exactly enough money? Write her money in dollars and cents.

WORK SPACE

ANSWER _____

- 2** Eli has 3 quarters, 1 nickel, and 4 pennies for a robot eraser. The eraser costs \$0.84. Does Eli have exactly enough money? Write his coin value in cents.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Aria has 2 quarters, 2 dimes, and 3 pennies. Ben has 1 quarter, 4 dimes, and 8 pennies. Do they have the same value? Write each value with a dollar sign and explain how you know.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A pet jar has 1 quarter and 4 pennies. Write the value in cents and in dollars.	29¢ = \$0.29
2	A game pouch has 3 dimes and 2 nickels. Write the value in cents and in dollars.	40¢ = \$0.40
3	A snack jar has 1 quarter, 1 dime, 1 nickel, and 2 pennies. Write the value in cents and in dollars.	42¢ = \$0.42
4	A book bag has 4 nickels and 7 pennies. Write the value in cents and in dollars.	27¢ = \$0.27
5	A sticker box has 2 quarters, 1 nickel, and 6 pennies. Write the value in cents and in dollars.	61¢ = \$0.61

PART 2 • APPLY IT

1. **Yes. \$0.56** A quarter, 3 dimes, and 1 penny are worth $25¢ + 30¢ + 1¢ = 56¢$. This is \$0.56, so it is exactly enough.
2. **Yes. 84¢** 3 quarters are 75¢, then 5¢ + 4¢ makes 84¢. Since \$0.84 is 84¢, Eli has exactly enough.

CHALLENGE

Yes. Aria has \$0.73, and Ben has \$0.73. Both collections are worth 73¢.

Accept the correct cent form and dollar form in either order when both are requested. The dollar form should include a decimal point and two digits after it.