

# Coin Count Quest

Add coins and dollar bills to find the total.

GRADE 2 • 2.MD.C.8

**CCSS.Math.Content.2.MD.C.8** "Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and ¢ symbols appropriately. Example: If you have 2 dimes and 3 pennies, how many cents do you have?"

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## COUNT MONEY

Count each coin's value, then add. A penny is 1¢, a nickel is 5¢, a dime is 10¢, a quarter is 25¢, and a dollar bill is \$1.00, or 100¢.

## WORKED EXAMPLE

Ava has one \$1 bill and 4 nickels. How much money does she have?

1. One \$1 bill = 100¢.

2. 4 nickels = 5¢ + 5¢ + 5¢ + 5¢ = 20¢.

3. 100¢ + 20¢ = 120¢.

4. 120¢ = \$1.20.

**Answer: \$1.20**

## PRACTICE 5 problems

**1** Mia has 3 nickels in her toy cash register. How much money does she have?

ANSWER \_\_\_\_\_

**2** Leo has 1 quarter and 2 pennies for a sticker. How much money does he have?

ANSWER \_\_\_\_\_

**3** Ava has 2 dimes and 3 nickels in her pocket. How much money does she have?

ANSWER \_\_\_\_\_

**4** Ben has one \$1 bill and 3 quarters to buy a small toy. How much money does he have?

ANSWER \_\_\_\_\_

**5** A pet treat jar has 1 dime, 1 nickel, and 4 pennies. How much money is in the jar?

ANSWER \_\_\_\_\_

## APPLY IT Show your work

- 1** Lina saves 2 quarters, 1 dime, and 1 nickel to buy a sheet of stickers. How much money does Lina save?

WORK SPACE

ANSWER \_\_\_\_\_

- 2** Omar has one \$1 bill and 2 dimes for a juice box at the park. How much money does he have?

WORK SPACE

ANSWER \_\_\_\_\_

## CHALLENGE One step up

### CHALLENGE

Nora says 3 quarters, 2 dimes, and 4 pennies are worth 99¢. Is Nora correct? Explain how you know.

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## PART 1 • PRACTICE

| # | PROBLEM                                                                              | ANSWER        |
|---|--------------------------------------------------------------------------------------|---------------|
| 1 | Mia has 3 nickels in her toy cash register. How much money does she have?            | <b>15¢</b>    |
| 2 | Leo has 1 quarter and 2 pennies for a sticker. How much money does he have?          | <b>27¢</b>    |
| 3 | Ava has 2 dimes and 3 nickels in her pocket. How much money does she have?           | <b>35¢</b>    |
| 4 | Ben has one \$1 bill and 3 quarters to buy a small toy. How much money does he have? | <b>\$1.75</b> |
| 5 | A pet treat jar has 1 dime, 1 nickel, and 4 pennies. How much money is in the jar?   | <b>19¢</b>    |

## PART 2 • APPLY IT

1. **65¢** 2 quarters are 50¢. Add 10¢ and 5¢ to get 65¢.
2. **\$1.20** One dollar is 100¢, and 2 dimes are 20¢.  $100¢ + 20¢ = 120¢$ , or \$1.20.

## CHALLENGE

**Yes. 3 quarters are 75¢, 2 dimes are 20¢, and 4 pennies are 4¢.  $75¢ + 20¢ + 4¢ = 99¢$ .**

Accept 120¢ or \$1.20 when the total is one dollar and twenty cents. Accept a correct explanation in the challenge that shows  $75¢ + 20¢ + 4¢ = 99¢$ .