LESSON MAKER PRO

# Coin Count Quest

*Add mixed coins and dollar bills.*

**GRADE 2 · 2.NS.4.b**

**2.NS.4.b** "Count by ones, fives, tens, and twenty-fives to determine the value of a collection of mixed coins and one-dollar bills whose total value is $2.00 or less."

NAME _____ DATE _____

## COUNT COIN GROUPS

Pennies count by ones, nickels count by fives, dimes count by tens, and quarters count by twenty-fives. Count each group, then add the amounts. A one-dollar bill is 100 cents.

## WORKED EXAMPLE

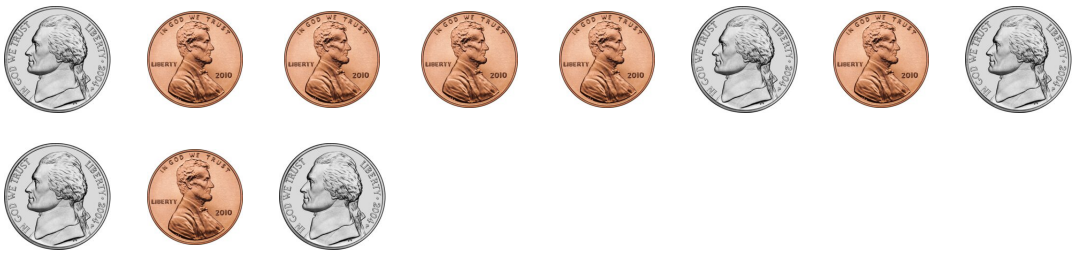
A game box has 1 one-dollar bill, 1 quarter, 2 dimes, 3 nickels, and 4 pennies. How much money is in the box?

1. 1 one-dollar bill = 100 cents.
2. 1 quarter = 25 cents, and 2 dimes = 20 cents.
3. 3 nickels = 15 cents, and 4 pennies = 4 cents.
4. 100 + 25 + 20 + 15 + 4 = 164 cents.

**Answer: $1.64**

## PRACTICE 5 problems

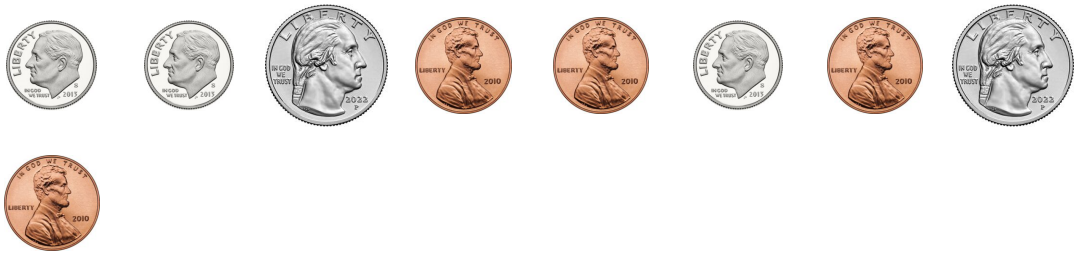
**1** Tia has the pictured coins in her toy purse. How much money does she have?



United States Mint image

**ANSWER** _____

**2** Omar counts the pictured coins in his bank. How much money is in the bank?



United States Mint image

**ANSWER** _____

**3** A robot jar has 1 one-dollar bill, 2 dimes, and 3 nickels. How much money is in the jar?

**ANSWER** _____

**4** Lena finds 4 quarters, 5 nickels, and 6 pennies under her couch cushion. How much money did she find?

**ANSWER** _____

**5** Kai has 1 one-dollar bill, 1 quarter, 2 nickels, and 7 pennies for a snack. How much money does Kai have?

**ANSWER** _____

## APPLY IT Show your work

**1** Maya is saving for a book. Her savings jar has 1 one-dollar bill, 2 quarters, 3 dimes, and 2 pennies. How much money has Maya saved?

WORK SPACE

**ANSWER**

**2** Jalen counts coins from his lemonade stand. He has 5 nickels, 4 dimes, 1 quarter, and 8 pennies. How much money did Jalen count?

WORK SPACE

**ANSWER**

## CHALLENGE One step up

Nora says her money is $1.95. She has 1 one-dollar bill, 2 quarters, 2 dimes, 4 nickels, and 5 pennies. Is Nora correct? Explain how you know.

WORK SPACE AND ANSWER

**ANSWER KEY**

# Coin Count Quest

**GRADE 2 · 2.NS.4.b**

## PART 1 · PRACTICE

| # | PROBLEM | ANSWER |
|---|---|---|
| 1 | Tia has the pictured coins in her toy purse. How much money does she have? | **$0.31** |
| 2 | Omar counts the pictured coins in his bank. How much money is in the bank? | **$0.84** |
| 3 | A robot jar has 1 one-dollar bill, 2 dimes, and 3 nickels. How much money is in the jar? | **$1.35** |
| 4 | Lena finds 4 quarters, 5 nickels, and 6 pennies under her couch cushion. How much money did she find? | **$1.31** |
| 5 | Kai has 1 one-dollar bill, 1 quarter, 2 nickels, and 7 pennies for a snack. How much money does Kai have? | **$1.42** |

## PART 2 · APPLY IT

1. **$1.82** Count the bill as 100 cents. Add 50 cents, 30 cents, and 2 cents to get 182 cents, or $1.82.
2. **$0.98** Count 25 cents from nickels, 40 cents from dimes, 25 cents from the quarter, and 8 cents from pennies. The total is 98 cents.

## CHALLENGE

**Yes. $1.00 + $0.50 + $0.20 + $0.20 + $0.05 = $1.95.**

Accept amounts written in dollars and cents or as the matching number of cents. For the challenge, accept any clear explanation that correctly totals the groups to $1.95.