LESSON MAKER PRO

Coin Count Quest

Count coins and bills up to $2.00.

GRADE 2 · 2.NS.4

2.NS.4 "The student will solve problems that involve counting and representing money amounts up to $2.00. Identify a quarter and its value and determine multiple ways to represent the value of a quarter using pennies, nickels, and/or dimes..."

NAME _____ DATE _____

COUNT MONEY

A quarter is worth 25¢. You can make 25¢ in more than one way with pennies, nickels, and dimes. Count dollars first, then count quarters, dimes, nickels, and pennies.

WORKED EXAMPLE

A pencil box has 7 pennies. What is their value?

1. Start at 0¢.
2. Count each penny by ones.
3. Count until all 7 pennies are counted.
4. Write 7¢.

Answer: 7¢, or $0.07

PRACTICE 5 problems

1 Do these two pictured collections have the same value? Write Yes or No and explain how you counted.

Collection A



United States Mint image

Collection B



United States Mint image

ANSWER _____

_____

2 Rin trades 1 quarter for 1 dime and ___ nickels.

ANSWER _____

3 A sticker costs 25¢. Kai pays with pennies only. How many pennies does Kai use?

ANSWER _____

4 A teddy bear bank has the pictured coins. How much money is in the bank?



United States Mint image

ANSWER _____

_____

5 A toy machine needs 60¢. Use dimes only. How many dimes do you need?

ANSWER _____

APPLY IT Show your work

1 Mila has 1 one-dollar bill, 2 quarters, and 3 dimes to buy a book. How much money does she have? Write the amount in cents and dollars.

WORK SPACE

ANSWER

2 Nora has 3 quarters and 1 dime for a snack. How much money does she have? Write the amount in cents and dollars.

WORK SPACE

ANSWER

CHALLENGE One step up

A game costs $1.65. Ava has 1 one-dollar bill, 2 quarters, 1 dime, and 1 nickel. Does Ava have the exact amount? Explain.

WORK SPACE AND ANSWER

ANSWER KEY

Coin Count Quest

GRADE 2 · 2.NS.4

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Do these two pictured collections have the same value? Write Yes or No and explain how you counted.	**Yes. Five nickels total 25 cents, equal to the quarter.**
2	Rin trades 1 quarter for 1 dime and ___ nickels.	**3 nickels**
3	A sticker costs 25¢. Kai pays with pennies only. How many pennies does Kai use?	**25 pennies**
4	A teddy bear bank has the pictured coins. How much money is in the bank?	**17¢**
5	A toy machine needs 60¢. Use dimes only. How many dimes do you need?	**6 dimes**

PART 2 · APPLY IT

1. **180¢, or $1.80** The one-dollar bill is 100¢. Add 100¢ + 50¢ + 30¢ to get 180¢, or $1.80.
2. **85¢, or $0.85** Three quarters are 75¢. Add 75¢ and 10¢ to get 85¢, or $0.85.

CHALLENGE

Yes. $1.00 + 50¢ + 10¢ + 5¢ = $1.65.

Accept equivalent cent and dollar-decimal forms when they name the same amount. For the dime-only problem, the answer must be 6 dimes.