LESSON MAKER PRO

Coin Count Quest

Count the cents in each collection.

GRADE 2 · 2.M.C.24.b

2.M.C.24.b "Find the value of a collection of quarters, dimes, nickels, and pennies."

NAME _____ DATE _____

COUNT EACH COIN

A quarter is worth 25¢, a dime 10¢, a nickel 5¢, and a penny 1¢. Find the value of each kind of coin, then add the cents.

WORKED EXAMPLE

Ava has 1 quarter, 1 dime, 1 nickel, and 2 pennies for a sticker. How many cents does she have?

1. The quarter and dime are worth 25¢ + 10¢ = 35¢.
2. Add the nickel: 35¢ + 5¢ = 40¢.
3. Add the 2 pennies: 40¢ + 2¢ = 42¢.

Answer: 42¢

PRACTICE 5 problems

1 Rae has 2 dimes and 3 pennies for a pencil. How many cents does Rae have?

ANSWER _____

2 Kim has 1 quarter, 2 nickels, and 1 penny for a sticker. How many cents does Kim have?

ANSWER _____

3 Ben puts 3 dimes, 1 nickel, and 2 pennies in his piggy bank. How many cents does he put in?

ANSWER _____

4 Jo has 2 quarters, 1 dime, and 3 pennies for a toy. How many cents does Jo have?

ANSWER _____

5 Max finds 1 quarter, 2 dimes, 2 nickels, and 4 pennies in his pocket. How many cents does he find?

ANSWER _____

APPLY IT Show your work

1 At the school book fair, Mia checks her pocket. She has 1 quarter, 1 nickel, and 3 pennies. How many cents does Mia have?

WORK SPACE

ANSWER _____

2 Leo is saving for a toy car. He puts 2 quarters, 2 dimes, and 1 penny in a jar. How many cents does he put in the jar?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Nora has 2 quarters, 2 dimes, 1 nickel, and 2 pennies for a game. How many cents does she have? Show how you counted.

WORK SPACE AND ANSWER

ANSWER KEY

Coin Count Quest

GRADE 2 · 2.M.C.24.b

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Rae has 2 dimes and 3 pennies for a pencil. How many cents does Rae have?	**23¢**
2	Kim has 1 quarter, 2 nickels, and 1 penny for a sticker. How many cents does Kim have?	**36¢**
3	Ben puts 3 dimes, 1 nickel, and 2 pennies in his piggy bank. How many cents does he put in?	**37¢**
4	Jo has 2 quarters, 1 dime, and 3 pennies for a toy. How many cents does Jo have?	**63¢**
5	Max finds 1 quarter, 2 dimes, 2 nickels, and 4 pennies in his pocket. How many cents does he find?	**59¢**

PART 2 · APPLY IT

1. **33¢** Add 25¢ + 5¢ + 3¢ = 33¢.
2. **71¢** Add 50¢ + 20¢ + 1¢ = 71¢.

CHALLENGE

77¢. The quarters are 50¢, the dimes are 20¢, the nickel is 5¢, and the pennies are 2¢. Together, they make 77¢.

Accept answers written with a cent sign or as a number of cents. For the challenge, accept any correct way of grouping and adding the coin values.