

Coin Count Quest

Find coin values and make exact amounts.

GRADE 2 • 2.MDR.6.2

2.MDR.6.2 "Find the value of a group of coins and determine combinations of coins that equal a given amount that is less than one hundred cents, and solve problems involving dollar bills, quarters, dimes, nickels, and pennies..."

NAME _____

DATE _____

COUNT YOUR COINS

Start with coins worth more, then add the smaller coins. Use ¢ for cents. Use \$ for dollars.

WORKED EXAMPLE

A toy car bank has 2 nickels and 3 pennies. What is the value of the coins?

1. 2 nickels = 10¢.

2. 3 pennies = 3¢.

3. Add $10¢ + 3¢ = 13¢$.

Answer: 13¢

PRACTICE 5 problems

1 A dinosaur bank has 4 pennies. What is the value of the pennies?

ANSWER _____

2 A sticker costs a quarter and 4 pennies. What is the total value?

ANSWER _____

3 A robot has 4 dimes and 6 pennies. What is the value of its coins?

ANSWER _____

4 A puppy toy costs 4 nickels and 7 pennies. What is the total value?

ANSWER _____

5 A board game prize has a \$1 bill, a quarter, and 4 dimes. What is the total value?

ANSWER _____

APPLY IT Show your work

- 1** Noah saves a \$1 bill, 4 dimes, and 6 pennies for a new book. How much money does Noah have?

WORK SPACE

ANSWER _____

- 2** A snack costs 65¢. Ava uses a quarter and 4 dimes. Does she pay the exact cost?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A game token costs 70¢. Write two different groups of coins that equal 70¢.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A dinosaur bank has 4 pennies. What is the value of the pennies?	4¢
2	A sticker costs a quarter and 4 pennies. What is the total value?	29¢
3	A robot has 4 dimes and 6 pennies. What is the value of its coins?	46¢
4	A puppy toy costs 4 nickels and 7 pennies. What is the total value?	27¢
5	A board game prize has a \$1 bill, a quarter, and 4 dimes. What is the total value?	\$1.65

PART 2 • APPLY IT

1. **\$1.46** The bill is \$1.00. The dimes and pennies are 46¢, so the total is \$1.46.
2. **Yes, 65¢.** A quarter is 25¢ and 4 dimes are 40¢. Together they equal 65¢.

CHALLENGE

A quarter, 4 dimes, and a nickel; 7 dimes.

Accept coin groups in any order. For the challenge, accept any two different groups that each total 70¢.