LESSON MAKER PRO

Coin Count Quest

Add coins and find change.

GRADE 3 · 3.N.4.1

3.N.4.1 "Use addition and subtraction to determine the value of a collection of coins up to one dollar using the cent symbol and in monetary transactions."

NAME _____ DATE _____

COUNT AND SUBTRACT

A quarter is 25¢, a dime is 10¢, a nickel is 5¢, and a penny is 1¢. Find the value of each kind of coin, then add the values. To find change, subtract the price from the amount paid.

WORKED EXAMPLE

What is the value of 6 dimes and 6 pennies?

1. 6 dimes are worth 60¢.
2. 6 pennies are worth 6¢.
3. 60¢ + 6¢ = 66¢.

Answer: 66¢

PRACTICE 6 problems

1 What is the value of 1 quarter, 2 dimes, and 4 pennies?

ANSWER _____

2 What is the value of 3 dimes, 2 nickels, and 1 penny?

ANSWER _____

3 What is the value of 2 quarters, 1 dime, and 2 pennies?

ANSWER _____

4 What is the value of 3 quarters, 2 dimes, and 1 nickel?

ANSWER _____

5 What is the value of 1 quarter, 3 nickels, and 2 pennies?

ANSWER _____

6 A sticker costs 47¢. You pay with 2 quarters. How much change do you get?

ANSWER _____

APPLY IT Show your work

1 At a school fair, a game costs 65¢. You pay with 3 quarters. How much change do you get?

WORK SPACE

ANSWER _____

2 Mia has 2 quarters, 3 dimes, and 2 nickels. She buys a bookmark for 45¢. How much money does she have left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

You have 3 quarters, 2 dimes, and 4 pennies. You buy an eraser for 58¢. How much money is left? Show two number sentences: one for the value of your coins and one for the money left.

WORK SPACE AND ANSWER

ANSWER KEY

Coin Count Quest

GRADE 3 · 3.N.4.1

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	What is the value of 1 quarter, 2 dimes, and 4 pennies?	**49¢**
2	What is the value of 3 dimes, 2 nickels, and 1 penny?	**41¢**
3	What is the value of 2 quarters, 1 dime, and 2 pennies?	**62¢**
4	What is the value of 3 quarters, 2 dimes, and 1 nickel?	**100¢**
5	What is the value of 1 quarter, 3 nickels, and 2 pennies?	**42¢**
6	A sticker costs 47¢. You pay with 2 quarters. How much change do you get?	**3¢**

PART 2 · APPLY IT

1. **10¢** Three quarters are worth 75¢. Subtract 65¢ from 75¢ to get 10¢.
2. **45¢** Mia has 50¢ + 30¢ + 10¢ = 90¢. Subtract 45¢ from 90¢ to get 45¢.

CHALLENGE

75¢ + 20¢ + 4¢ = 99¢. 99¢ - 58¢ = 41¢.

Accept 100¢ or $1 for practice problem 4. For the challenge, accept any two correct number sentences that show the coin total and the subtraction.