LESSON MAKER PRO

Money Moves

Count coins and bills, then find what changes.

GRADE 3 · 3.N.4

3.N.4 "Determine the value of a set of coins and determine the value of a set of bills in monetary transactions. Use addition and subtraction to determine the value of a collection of coins up to one dollar using the cent symbol and in monetary..."

NAME _____ DATE _____

COUNT AND CHANGE

Find the value of each kind of coin or bill, then add the values. When money is spent or given away, subtract its value from the starting amount. Write coin amounts in cents and bill amounts in whole dollars.

WORKED EXAMPLE

What is the value of 3 nickels and 4 pennies?

1. 3 nickels = 15¢
2. 4 pennies = 4¢
3. 15¢ + 4¢ = 19¢

Answer: 19¢

PRACTICE 6 problems

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

ANSWER _____

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

ANSWER _____

3 You have 3 quarters and 4 nickels. You give away 1 quarter. How many cents do you have left?

ANSWER _____

4 You have 4 dimes, 1 nickel, and 2 pennies. You get 1 more dime. How many cents do you have now?

ANSWER _____

5 What is the value of 2 five-dollar bills and 3 one-dollar bills?

ANSWER _____

6 You have 1 ten-dollar bill and 2 five-dollar bills. You spend 1 five-dollar bill and 1 one-dollar bill. Can you pay with the bills you have? Explain.

ANSWER _____

APPLY IT Show your work

1 Maya has 3 quarters, 2 dimes, and 1 penny. She buys a sticker with 1 quarter and 1 dime. How many cents does she have left?

WORK SPACE

ANSWER _____

2 Leo has 1 ten-dollar bill, 1 five-dollar bill, and 3 one-dollar bills. He buys a puzzle with the five-dollar bill and 2 one-dollar bills. How many dollars does he have left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

You have 2 quarters, 3 dimes, and 4 nickels. You spend 1 quarter and 2 nickels. Then you get 1 dime. How many cents do you have now? Explain in one sentence.

WORK SPACE AND ANSWER

ANSWER KEY

Money Moves

GRADE 3 · 3.N.4

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	What is the value of 2 quarters, 1 dime, and 3 pennies?	**63¢**
2	What is the value of 1 quarter, 3 dimes, and 2 nickels?	**65¢**
3	You have 3 quarters and 4 nickels. You give away 1 quarter. How many cents do you have left?	**70¢**
4	You have 4 dimes, 1 nickel, and 2 pennies. You get 1 more dime. How many cents do you have now?	**57¢**
5	What is the value of 2 five-dollar bills and 3 one-dollar bills?	**$13**
6	You have 1 ten-dollar bill and 2 five-dollar bills. You spend 1 five-dollar bill and 1 one-dollar bill. Can you pay with the bills you have? Explain.	**No. You have no one-dollar bill.**

PART 2 · APPLY IT

1. **61¢** The coins are worth 96¢. Subtract the 35¢ Maya spends: 96¢ - 35¢ = 61¢.
2. **$11** Leo starts with $18 and spends $7. He has $11 left.

CHALLENGE

I start with 100¢, so 100¢ - 35¢ + 10¢ = 75¢.

Practice problem 6 asks whether the payment is possible with the bills listed, not just whether there is enough money. Accept any accurate one-sentence explanation for the challenge.