LESSON MAKER PRO

Money Moves

Count coins, compare amounts, and make change through $5.00.

GRADE 3 · 3.NS.4

3.NS.4 "The student will solve problems, including those in context, that involve counting, comparing, representing, and making change for money amounts up to $5.00..."

NAME _____ DATE _____

COUNT AND CHANGE

Add the values of bills and coins to find a total. To make change, count up from the cost to the amount paid, or subtract the cost from the amount paid. Line up dollars and cents carefully. Materials per pair: real or play coins (at least 4 quarters, 10 dimes, 10 nickels, 20 pennies) and labeled paper bill cards (three $1 cards, one $2 card and one $5 card). Reuse the money between tasks. Build the money in Practice 1-4 before recording; an adult checks the actual collections.

WORKED EXAMPLE

Find the value of 3 quarters, 1 dime, and 4 pennies.

1. 3 quarters = 75 cents.
2. 1 dime = 10 cents, so 75 cents + 10 cents = 85 cents.
3. 85 cents + 4 pennies = 89 cents.

Answer: $0.89

PRACTICE 6 problems

1 Find the value of 1 one-dollar bill, 1 quarter, 2 dimes, and 3 pennies. Build the collection(s) with your money and show your partner before recording.

ANSWER _____

2 Write one set of bills and coins that totals $0.92. Build the collection(s) with your money and show your partner before recording.

ANSWER _____

3 Set A has 2 one-dollar bills and 3 dimes. Set B has 1 two-dollar bill, 1 quarter, and 2 nickels. Complete the comparison: Set A ___ Set B. Build the collection(s) with your money and show your partner before recording.

ANSWER _____

4 Find the value of 3 one-dollar bills, 2 quarters, and 4 nickels. Build the collection(s) with your money and show your partner before recording.

ANSWER _____

5 A game costs $0.86. You pay with $2.00. How much change do you get? Build the change. Count on from the price to the payment, recording each running total.

ANSWER _____

_____

_____

6 You pay with a $5.00 bill for a book that costs $2.57. How much change do you get? Build the change. Count on from the price to the payment, recording each running total.

ANSWER _____

_____

_____

APPLY IT Show your work

1 At the school store, a water bottle costs $3.48. Jalen pays with a $5.00 bill. How much change should Jalen get? Build the change with coins and count on aloud; record the running totals.

WORK SPACE

ANSWER

2 Rina has 2 one-dollar bills, 3 quarters, and 4 pennies. She wants to buy a sticker that costs $2.65. Does she have enough money? If so, how much will she have left?

WORK SPACE

ANSWER

CHALLENGE One step up

Nora has $5.00. She buys three items that cost $1.38, $0.76, and $1.59. How much change does she get? Show how you added the costs and found the change.

WORK SPACE AND ANSWER

ANSWER KEY

Money Moves

GRADE 3 · 3.NS.4

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Find the value of 1 one-dollar bill, 1 quarter, 2 dimes, and 3 pennies. Build the collection(s) with your money and show your partner before recording.	**$1.48**
2	Write one set of bills and coins that totals $0.92. Build the collection(s) with your money and show your partner before recording.	**3 quarters, 1 dime, 1 nickel, and 2 pennies**
3	Set A has 2 one-dollar bills and 3 dimes. Set B has 1 two-dollar bill, 1 quarter, and 2 nickels. Complete the comparison: Set A ___ Set B. Build the collection(s) with your money and show your partner before recording.	**Set A < Set B**
4	Find the value of 3 one-dollar bills, 2 quarters, and 4 nickels. Build the collection(s) with your money and show your partner before recording.	**$3.70**
5	A game costs $0.86. You pay with $2.00. How much change do you get? Build the change. Count on from the price to the payment, recording each running total.	**$1.14**
6	You pay with a $5.00 bill for a book that costs $2.57. How much change do you get? Build the change. Count on from the price to the payment, recording each running total.	**$2.43**

PART 2 · APPLY IT

1. **$1.52** Count up from $3.48 to $5.00, or subtract $3.48 from $5.00. The change is $1.52.
2. **Yes, $0.14 left.** Rina has $2.79. Subtract $2.65 from $2.79 to find that she has $0.14 left.

CHALLENGE

The items cost $3.73 total. Nora gets $1.27 in change.

Accept any correct combination of bills and coins for problem 2 that totals $0.92. For comparison problems, accept the correct symbol or the words less than, greater than, or equal to when requested. Check actual constructions and comparisons. For 86 cents to $2: 86, 90 (+4 pennies), 100 (+1 dime), 200 (+$1); change $1.14. For $2.57 to $5: 2.57, 2.60 (+3 pennies), 2.75 (+1 dime and 1 nickel), 3.00 (+1 quarter), 5.00 (+$2); change $2.43. Other correct count-on sequences are valid.