

Money Move Mission

Count, compare, and make change up to \$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 ON FOR CHANGE

To find a total, add the dollar bills first, then add the coins. To make change, count up from the cost to the amount paid. Check that your money total is \$5.00 or less.

WORKED EXAMPLE

A card costs \$0.57. You pay \$0.94.
What change do you get?

1. Count from \$0.57 to \$0.60: \$0.03.
2. Count from \$0.60 to \$0.90: \$0.30.
3. Count from \$0.90 to \$0.94: \$0.04.
4. Add $\$0.03 + \$0.30 + \$0.04 = \0.37 .

Answer: \$0.37

PRACTICE 6 problems

- 1** What is the value of 4 quarters and 3 nickels?

ANSWER _____

- 2** What is the value of 3 \$1 bills, 2 quarters, and 1 dime?

ANSWER _____

- 3** Write one set of coins that totals \$0.84.

ANSWER _____

- 4** Write one set of bills and coins that totals \$4.30.

ANSWER _____

- 5** Write $>$, $<$, or $=$. 6 dimes ____ 2 quarters and 1 dime

ANSWER _____

- 6** A toy costs \$2.47. You pay \$3.00. How much change do you get?

ANSWER _____

APPLY IT Show your work

- 1** At the craft table, Sam buys a sticker sheet for \$2.63 and pays with \$4.00. How much change should Sam get?

WORK SPACE

ANSWER _____

- 2** At a school game, a glow bracelet costs \$3.90. Eli has 3 \$1 bills, 2 quarters, 3 dimes, and 6 pennies. Does Eli have enough? If not, how much more money does he need?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A comic costs \$3.67. Zoe pays with \$5.00. Give Zoe's \$1.33 change using exactly 6 bills and coins. List each bill or coin. Explain how your set totals \$1.33.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	What is the value of 4 quarters and 3 nickels?	\$1.15
2	What is the value of 3 \$1 bills, 2 quarters, and 1 dime?	\$3.60
3	Write one set of coins that totals \$0.84.	3 quarters, 1 nickel, and 4 pennies
4	Write one set of bills and coins that totals \$4.30.	4 \$1 bills and 3 dimes
5	Write >, <, or =. 6 dimes ____ 2 quarters and 1 dime	=
6	A toy costs \$2.47. You pay \$3.00. How much change do you get?	\$0.53

PART 2 • APPLY IT

1. **\$1.37** Count up \$0.07 to reach \$2.70, then \$0.30 to reach \$3.00, then \$1.00 to reach \$4.00. The total change is \$1.37.
2. **No, he needs \$0.04 more.** Eli has $\$3.00 + \$0.50 + \$0.30 + \0.06 , which is \$3.86. Compare \$3.86 with \$3.90 to find that he is short \$0.04.

CHALLENGE

1 \$1 bill, 1 quarter, 1 nickel, and 3 pennies. $\$1.00 + \$0.25 + \$0.05 + \$0.03 = \$1.33$.

Accept any correct set of bills and coins for the construction problems, as long as the total matches. For the challenge, the set must total \$1.33 and contain exactly 6 individual bills and coins.