

Coin Count Change

Use coin pictures to count on and make change up to \$5.00.

GRADE 3 • 3.NS.4.d

3.NS.4.d "Solve contextual problems to make change from \$5.00 or less by using counting on or counting back strategies with concrete or pictorial models."

NAME _____

DATE _____

COUNT ON WITH COINS

To find change, start with the price and count on until you reach the amount paid. Use each coin in the picture as a jump, then add the jumps to find the change.

WORKED EXAMPLE

A marker costs \$2.40. You pay \$3.00. How much change do you get? Coin picture:   

1. Start at \$2.40.
2. Add : \$2.65.
3. Add : \$2.90.
4. Add : \$3.00.

Answer: \$0.60

PRACTICE 6 problems

- 1** A pencil costs \$1.45. You pay \$2.00. Count on with this coin picture:   . How much change do you get?

ANSWER _____

- 2** A bookmark costs \$0.68. You pay \$1.00. Count on with this coin picture:    . How much change do you get?

ANSWER _____

- 3** A notebook costs \$3.75. You pay \$4.00. Count on with this coin picture: . How much change do you get?

ANSWER _____

- 4** A ruler costs \$0.85. You pay \$1.50. Count on with this coin picture:    . How much change do you get?

ANSWER _____

- 5** A folder costs \$2.15. You pay \$4.00. Count on with this money picture:  \$1.00    . How much change do you get?

ANSWER _____

- 6** A small toy costs \$4.25. You pay \$5.00. Count on with this coin picture:   . How much change do you get?

ANSWER _____

APPLY IT Show your work

- 1** At the school book fair, Lena buys an eraser for \$1.65 and pays \$2.00. The cashier counts on with this coin picture: $\circ 10\text{¢}$ $\circ 10\text{¢}$ $\circ 10\text{¢}$ $\circ 5\text{¢}$. How much change does Lena get?

WORK SPACE

ANSWER _____

- 2** Mateo buys a snack at the soccer game for \$2.48 and pays \$4.00. The cashier counts on with this money picture: $\circ 1\text{¢}$ $\circ 1\text{¢}$ $\square \$1.00$ $\circ 25\text{¢}$ $\circ 25\text{¢}$. How much change does Mateo get?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A game card costs \$1.27, and a sticker costs \$2.36. You pay \$5.00 for both. First find the total cost. Then use this change picture: $\square \$1.00$ $\circ 25\text{¢}$ $\circ 10\text{¢}$ $\circ 1\text{¢}$ $\circ 1\text{¢}$. What is the total cost, and how much change do you get?

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A pencil costs \$1.45. You pay \$2.00. Count on with this coin picture:    . How much change do you get?	\$0.55
2	A bookmark costs \$0.68. You pay \$1.00. Count on with this coin picture:     . How much change do you get?	\$0.32
3	A notebook costs \$3.75. You pay \$4.00. Count on with this coin picture:  . How much change do you get?	\$0.25
4	A ruler costs \$0.85. You pay \$1.50. Count on with this coin picture:     . How much change do you get?	\$0.65
5	A folder costs \$2.15. You pay \$4.00. Count on with this money picture:  \$1.00     . How much change do you get?	\$1.85
6	A small toy costs \$4.25. You pay \$5.00. Count on with this coin picture:    . How much change do you get?	\$0.75

PART 2 • APPLY IT

1. **\$0.35** Count on from \$1.65 by 10¢, 10¢, 10¢, and 5¢ to reach \$2.00. The coins total \$0.35.
2. **\$1.52** Count on 2¢ to reach \$2.50, then add \$1.00, 25¢, and 25¢. The change totals \$1.52.

CHALLENGE

Total cost: \$3.63. Change: \$1.37.

Accept correct counting-on or counting-back work, including different coin combinations that make the same change. Accept money written with or without a leading zero, such as \$0.55 or .55.