

Coin Count Quest

Add coin values to solve money problems.

GRADE 2 • MA.2.M.2

MA.2.M.2 "Tell time and solve problems involving money."

NAME _____

DATE _____

COUNT COIN VALUES

A penny is 1 cent, a nickel is 5 cents, a dime is 10 cents, and a quarter is 25 cents. Add the values of the coins to find how much money you have.

WORKED EXAMPLE

A bouncy ball costs 19 cents. You have one dime and 9 pennies. Can you pay exactly?

1. A dime is worth 10 cents.
2. 9 pennies are worth 9 cents.
3. $10 \text{ cents} + 9 \text{ cents} = 19 \text{ cents}$.
4. Your coins equal the cost.

Answer: Yes, 19 cents

PRACTICE 5 problems

- 1** A small toy costs 6 cents. You have a nickel and a penny. Do you have enough money?

ANSWER _____

- 2** A snail sticker costs 7 cents. You have a nickel and 2 pennies. How much money do you have?

ANSWER _____

- 3** A puzzle costs 15 cents. You have 3 nickels. Does your money pay exactly?

ANSWER _____

- 4** A bag has 4 nickels. How much money is in the bag?

ANSWER _____

- 5** A yo-yo costs 25 cents. You have a quarter. Does your money pay exactly?

ANSWER _____

APPLY IT Show your work

- 1** Jada is saving for an 18-cent animal card. She has 3 nickels and 3 pennies. Does she have enough money?

WORK SPACE

ANSWER _____

- 2** At the school store, a glow bracelet costs 30 cents. Luis has a quarter and 5 pennies. Can he buy it?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Mina has 2 quarters. She buys a 35-cent toy. How much change should she get?

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A small toy costs 6 cents. You have a nickel and a penny. Do you have enough money?	Yes, 6 cents
2	A snail sticker costs 7 cents. You have a nickel and 2 pennies. How much money do you have?	7 cents
3	A puzzle costs 15 cents. You have 3 nickels. Does your money pay exactly?	Yes, 15 cents
4	A bag has 4 nickels. How much money is in the bag?	20 cents
5	A yo-yo costs 25 cents. You have a quarter. Does your money pay exactly?	Yes, 25 cents

PART 2 • APPLY IT

1. **Yes, 18 cents** 3 nickels are worth 15 cents, and 3 pennies are worth 3 cents. $15 \text{ cents} + 3 \text{ cents} = 18 \text{ cents}$, so she has enough.
2. **Yes, 30 cents** A quarter is 25 cents, and 5 pennies are 5 cents. $25 \text{ cents} + 5 \text{ cents} = 30 \text{ cents}$, so he can buy it.

CHALLENGE**15 cents**

Accept coin-value explanations that show the correct total. For yes or no items, accept the word answer alone or the word answer with the matching cent amount.