LESSON MAKER PRO

Coin Count Quest

Add mixed coins up to one dollar.

GRADE 2 · NY-2.MD.8.a

NY-2.MD.8.a "Count a mixed collection of coins whose sum is less than or equal to one dollar."

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. Count coins of the same kind first. Then add the groups to find the total in cents.

WORKED EXAMPLE

Leo has 3 quarters, 1 dime, and 4 pennies. How much money does he have?

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

Answer: 89 cents

PRACTICE 5 problems

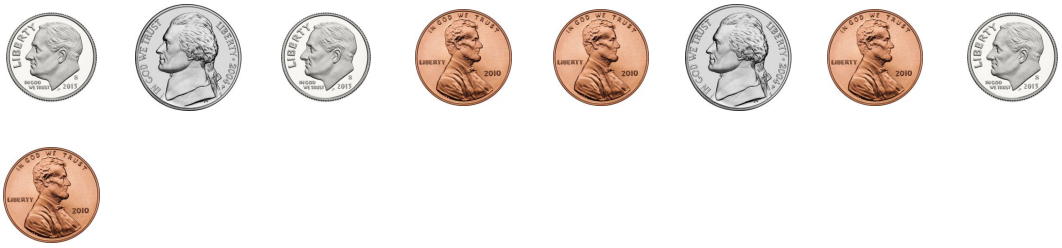
1 Ava has the pictured coins for a toy car. How much money does she have?



United States Mint image

ANSWER _____

2 Noah has the pictured coins for pet stickers. How much money does he have?



United States Mint image

ANSWER _____

_____

3 Mia has 2 quarters, 1 dime, and 3 pennies for a puzzle. How much money does she have?

ANSWER _____

4 Eli has 3 quarters, 2 nickels, and 5 pennies for a comic book. How much money does he have?

ANSWER _____

5 Zoe has 1 quarter, 3 dimes, 2 nickels, and 4 pennies for a jump rope. How much money does she have?

ANSWER _____

APPLY IT Show your work

1 At the school store, Sam has 2 quarters, 3 dimes, and 4 nickels. A notebook costs 100 cents. Does Sam have enough money?

WORK SPACE

ANSWER

2 Lina is saving for a small stuffed animal. She has 1 quarter, 1 dime, 2 nickels, and 5 pennies. How much money has she saved?

WORK SPACE

ANSWER

CHALLENGE One step up

Ben has 2 quarters, 3 dimes, 2 nickels, and 7 pennies. How many more pennies does he need to have 100 cents? Show how you know.

WORK SPACE AND ANSWER

ANSWER KEY

Coin Count Quest

GRADE 2 · NY-2.MD.8.a

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Ava has the pictured coins for a toy car. How much money does she have?	**48 cents**
2	Noah has the pictured coins for pet stickers. How much money does he have?	**44 cents**
3	Mia has 2 quarters, 1 dime, and 3 pennies for a puzzle. How much money does she have?	**63 cents**
4	Eli has 3 quarters, 2 nickels, and 5 pennies for a comic book. How much money does he have?	**90 cents**
5	Zoe has 1 quarter, 3 dimes, 2 nickels, and 4 pennies for a jump rope. How much money does she have?	**69 cents**

PART 2 · APPLY IT

1. **Yes. Sam has 100 cents, so he has exactly enough money.** 2 quarters are 50 cents, 3 dimes are 30 cents, and 4 nickels are 20 cents. 50 + 30 + 20 = 100 cents.
2. **50 cents** The quarter is 25 cents, the dime is 10 cents, 2 nickels are 10 cents, and 5 pennies are 5 cents. 25 + 10 + 10 + 5 = 50 cents.

CHALLENGE

3 more pennies. 2 quarters = 50 cents, 3 dimes = 30 cents, 2 nickels = 10 cents, and 7 pennies = 7 cents. Ben has 97 cents, and 100 - 97 = 3 cents.

Accept totals written as cents or with a cent sign. For the challenge, accept a correct total of 97 cents and an answer of 3 pennies.