LESSON MAKER PRO

Coin Count Quest

Add coins and dollar bills to find each total.

GRADE 2 · 2.MD.C.8

CCSS.Math.Content.2.MD.C.8 "Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using $ and ¢ symbols appropriately. Example: If you have 2 dimes and 3 pennies, how many cents do you have?"

NAME _____ DATE _____

COUNT MONEY

A nickel is 5 cents, a dime is 10 cents, and a quarter is 25 cents. A dollar bill is 100 cents. Add the values of all the money, then write cents with ¢ and dollars with $.

WORKED EXAMPLE

A toy box has 3 quarters and 4 pennies. How much money is there?

1. 3 quarters = 75¢
2. 4 pennies = 4¢
3. 75¢ + 4¢ = 79¢

Answer: 79¢

PRACTICE 5 problems

1 A pet jar has 5 dimes. How much money is in the jar?

ANSWER _____

2 A child has 2 nickels and 6 pennies. How much money does the child have?

ANSWER _____

3 A game prize is 1 dollar bill and 2 quarters. How much money is the prize worth?

ANSWER _____

4 A piggy bank has 7 pennies and 1 nickel. How much money is in the piggy bank?

ANSWER _____

5 A puppy coin bank has 9 pennies. How much money is in the bank?

ANSWER _____

APPLY IT Show your work

1 At the school store, a puzzle costs $1.45. Nia has 5 quarters and 2 dimes. Does she have enough money to buy the puzzle?

WORK SPACE

ANSWER _____

2 A juice box costs 43¢. Eli has 1 quarter, 1 dime, and 8 pennies. Can he buy the juice box?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Sam has 2 quarters, 1 dime, and 1 nickel. Is that exactly 65¢? Explain how you know.

WORK SPACE AND ANSWER

ANSWER KEY

Coin Count Quest

GRADE 2 · 2.MD.C.8

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A pet jar has 5 dimes. How much money is in the jar?	**50¢**
2	A child has 2 nickels and 6 pennies. How much money does the child have?	**16¢**
3	A game prize is 1 dollar bill and 2 quarters. How much money is the prize worth?	**$1.50**
4	A piggy bank has 7 pennies and 1 nickel. How much money is in the piggy bank?	**12¢**
5	A puppy coin bank has 9 pennies. How much money is in the bank?	**9¢**

PART 2 · APPLY IT

1. **Yes, Nia has $1.45.** 5 quarters are $1.25. 2 dimes are 20¢, so $1.25 + $0.20 = $1.45.
2. **Yes, Eli has 43¢.** 1 quarter is 25¢, 1 dime is 10¢, and 8 pennies are 8¢. 25¢ + 10¢ + 8¢ = 43¢.

CHALLENGE

Yes. 2 quarters are 50¢, 1 dime is 10¢, and 1 nickel is 5¢. 50¢ + 10¢ + 5¢ = 65¢.

Accept equivalent money forms when appropriate, such as 100¢ for $1.00. For the challenge, accept an explanation that correctly adds the coin values to 65¢.