

Name _____

Problem Solving • Money

Essential Question How does acting it out help when solving problems about money?

PROBLEM SOLVING Lesson 7.7



Measurement and Data—
2.MD.C.8

MATHEMATICAL PRACTICES
MP1, MP4, MP6

Kendra gave 2 dimes, 2 nickels, 1 quarter, and two \$1 bills to her sister. How much money did Kendra give her sister?



What do I need to find?

how much money

Kendra gave her

sister

What information do I need to use?

Kendra gave her sister

2 dimes,

Show how to solve the problem.

Draw to show the money that Kendra used.

Kendra gave her sister _____.



HOME CONNECTION • Your child used play money to act out the problem. Representing problems with materials can be a useful strategy for children to use to solve problems.

Try Another Problem

Use play coins and bills to solve.
Draw to show what you did.

1. Jacob has two \$1 bills, 2 dimes, and 3 pennies in his pocket. How much money does Jacob have in his pocket?

- What do I need to find?
- What information do I need to use?

2. Amber used 2 quarters, 1 nickel, 1 dime, and three \$1 bills to buy a toy. How much money did Amber use to buy the toy?

**Math
Talk**

MATHEMATICAL PRACTICES 6

Explain how you found the amount of money in Jacob's pocket.

Name _____

Share and Show



Use play coins and bills to solve.
Draw to show what you did.

3. Val used 3 quarters, 2 nickels, 2 pennies, and one \$1 bill to buy a book. How much money did Val use to buy the book? _____

4. Derek has two \$1 bills, 2 quarters, and 6 dimes. How much money does he have? _____

5. **THINK SMARTER** Katy has 3 quarters, 2 nickels, 2 dimes, and 3 pennies. How many more pennies does she need to have \$1.10?



_____ more pennies

Problem Solving • Applications

6. **MATHEMATICAL PRACTICE 1** Make Sense of Problems

Victor has some dollar bills, some quarters, and some nickels. Draw and label dollar bills, quarters, and nickels to show \$2.25.

7. **THINK SMARTER** Ross used 3 quarters, 4 dimes, 3 nickels, and 5 pennies to buy a card. How much money did Ross use to buy the card? Draw to show how you solve the problem.



TAKE HOME ACTIVITY • Ask your child to explain how he or she solved one problem in this lesson.

Name _____

Problem Solving • Money




COMMON CORE STANDARD—2.MD.C.8
Work with time and money.

Use play coins and bills to solve.
Draw to show what you did.

1. Sara has 2 quarters, 1 nickel, and two \$1 bills.
How much money does Sara have? _____

2. Brad has one \$1 bill, 4 dimes, and 2 nickels
in his bank. How much money does Brad
have in his bank? _____

3. Mr. Morgan gives 1 quarter, 3 nickels, 4 pennies,
and one \$1 bill to the clerk. How much money
does Mr. Morgan give the clerk? _____

4.  **Math** Write or draw to explain how you
would find the total value of two \$1 bills and
3 quarters.

Lesson Check (2.MD.C.8)

1. Lee has two \$1 bills and 4 dimes. How much money does Lee have?

2. Dawn has 2 quarters, 1 nickel, and one \$1 bill. How much money does Dawn have?

Spiral Review (2.OA.B.2, 2.NBT.A.3, 2.MD.A.4, 2.NBT.B.8)

3. What is the value of the underlined digit?

56

4. Cecilia collected 342 pennies for her class's penny drive. Marked collected 243 pennies. Use $<$, $>$, or $=$ to compare. Who collected more?

342 ____ 243

_____ collected more.

5. Brooke's dog has 15 treats. Then he ate 8 of them. How many treats does he have left?

$$15 - 8 = \underline{\hspace{2cm}}$$

6. What is the next number in this pattern?

225, 325, 425,
525, _____

