LESSON MAKER PRO

Money Mix Match

Build coin and bill sets to make exact amounts.

GRADE 2 · 2.NS.4.c

2.NS.4.c "Construct a set of coins and/or bills to total a given amount of money whose value is $2.00 or less."

NAME _____ DATE _____

MAKE THE TOTAL

Use $1 bills and coins to make the amount you need. Start with the dollars, then make the cents with coins. Add the values to check your total.

WORKED EXAMPLE

A puzzle costs $1.34. What bills and coins can you use to pay exactly $1.34?

1. Use 1 $1 bill. That is $1.00.
2. Add 1 quarter, 1 nickel, and 4 pennies. That is $0.34.
3. $1.00 + $0.34 = $1.34.

Answer: 1 $1 bill, 1 quarter, 1 nickel, and 4 pennies

PRACTICE 5 problems

1 A toy car costs $0.42. What coins can you use to pay exactly $0.42?

ANSWER _____

2 A snack costs $0.68. What coins can you use to pay exactly $0.68?

ANSWER _____

3 A pet treat costs $1.15. What bill and coins can you use to pay exactly $1.15?

ANSWER _____

4 A ball costs $0.90. What coins can you use to pay exactly $0.90?

ANSWER _____

5 A comic book costs $1.76. What bill and coins can you use to pay exactly $1.76?

ANSWER _____

APPLY IT Show your work

1 Maya wants a pet sticker that costs $1.45. She pays the exact amount. What bill and coins can Maya use?

WORK SPACE

ANSWER _____

2 Liam buys a new pencil for $1.82. He pays the exact amount. What bill and coins can Liam use?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Use exactly 5 pieces of money to make $1.41. Use 1 bill and 4 different kinds of coins. What money do you use? Explain how the coins make the cents.

WORK SPACE AND ANSWER

ANSWER KEY

Money Mix Match

GRADE 2 · 2.NS.4.c

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A toy car costs $0.42. What coins can you use to pay exactly $0.42?	**1 quarter, 1 dime, 1 nickel, and 2 pennies**
2	A snack costs $0.68. What coins can you use to pay exactly $0.68?	**2 quarters, 1 dime, 1 nickel, and 3 pennies**
3	A pet treat costs $1.15. What bill and coins can you use to pay exactly $1.15?	**1 $1 bill, 1 dime, and 1 nickel**
4	A ball costs $0.90. What coins can you use to pay exactly $0.90?	**3 quarters, 1 dime, and 1 nickel**
5	A comic book costs $1.76. What bill and coins can you use to pay exactly $1.76?	**1 $1 bill, 3 quarters, and 1 penny**

PART 2 · APPLY IT

1. **1 $1 bill, 1 quarter, and 2 dimes** Use 1 $1 bill. A quarter and 2 dimes make $0.45, so the total is $1.45.
2. **1 $1 bill, 3 quarters, 1 nickel, and 2 pennies** Use 1 $1 bill. Three quarters, 1 nickel, and 2 pennies make $0.82, so the total is $1.82.

CHALLENGE

1 $1 bill, 1 quarter, 1 dime, 1 nickel, and 1 penny. The coins make $0.41, and $1.00 + $0.41 = $1.41.

Accept any set of bills and coins that totals the stated amount. For the challenge, accept only a response with exactly 1 bill and 4 coins of different types that totals $1.41.