

Money Match Makers

Build coin and bill sets for each price.

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 _____

BUILD THE TOTAL

Use dollars, quarters, dimes, nickels, and pennies to make an exact amount. Start with a dollar bill when the amount is at least \$1.00, then add coins. Count the dollars first and then the cents.

WORKED EXAMPLE

A toy car costs \$1.35. What coins and bills can you use to pay exactly \$1.35?

1. Start with one \$1 bill.
2. Add 1 quarter. Now you have \$1.25.
3. Add 1 dime. Now you have \$1.35.

Answer: one \$1 bill, 1 quarter, and 1 dime

PRACTICE 5 problems

- 1** A stuffed puppy costs 30 cents. What coins can you use to pay exactly 30 cents?

ANSWER _____

- 2** A sheet of star stickers costs 45 cents. What coins can you use to pay exactly 45 cents?

ANSWER _____

- 3** A can of fish food costs 60 cents. What coins can you use to pay exactly 60 cents?

ANSWER _____

- 4** A fruit snack costs 90 cents. What coins can you use to pay exactly 90 cents?

ANSWER _____

- 5** A game card costs \$1.50. What coins and bills can you use to pay exactly \$1.50?

ANSWER _____

APPLY IT Show your work

- 1** At the book fair, a dinosaur bookmark costs \$1.15. Write one set of coins and bills that pays exactly \$1.15.

WORK SPACE

ANSWER _____

- 2** Kai wants a small kite that costs \$1.80. Write one set of coins and bills that pays exactly \$1.80.

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A puzzle costs \$1.65. You must use exactly 1 bill and exactly 4 coins. What bill and coins will you use? Explain how they make \$1.65.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A stuffed puppy costs 30 cents. What coins can you use to pay exactly 30 cents?	1 quarter and 1 nickel
2	A sheet of star stickers costs 45 cents. What coins can you use to pay exactly 45 cents?	1 quarter and 2 dimes
3	A can of fish food costs 60 cents. What coins can you use to pay exactly 60 cents?	2 quarters and 1 dime
4	A fruit snack costs 90 cents. What coins can you use to pay exactly 90 cents?	3 quarters, 1 dime, and 1 nickel
5	A game card costs \$1.50. What coins and bills can you use to pay exactly \$1.50?	one \$1 bill and 2 quarters

PART 2 • APPLY IT

1. **one \$1 bill, 1 dime, and 1 nickel** Use one \$1 bill first. A dime and a nickel make the 15 cents left.
2. **one \$1 bill, 3 quarters, and 1 nickel** Use one \$1 bill first. Three quarters and one nickel make 80 cents.

CHALLENGE

one \$1 bill, 2 quarters, 1 dime, and 1 nickel. The bill is \$1.00, and the 4 coins total 65 cents, so the total is \$1.65.

Accept any coin and bill set that totals the stated amount and is \$2.00 or less. For the challenge, accept only a set with exactly one bill and four coins.