

Coins That Match

GRADE 1

MATHEMATICS

F1.1

B1.1

Different coins can add up to the same amount. Count the biggest coins first, then the smaller ones, and keep a running total in your head.

PART A: COUNT BIGGER GROUPS

1.    Total: _____

2.   Total: _____

3.   Total: _____

4.     Total: _____

PART B: SAME AMOUNT, DIFFERENT COINS

5. It takes _____ nickels to make a quarter.

6. A quarter and two dimes make _____¢.

7. A quarter and a nickel make _____¢.

8. Two quarters make _____¢.

PART C: WHO HAS MORE?

9. Ezra has 3 dimes. Anya has 1 quarter. Who has more money, and by how much?

SHOW YOUR WORK

Answer: _____

- 10.** Ines wants a sticker that costs 40¢. She has 1 quarter and 1 dime. How much more does she need?

SHOW YOUR WORK

Answer: _____

- 11.** Show two different ways to make 30¢ using any of these coins: nickels, dimes and quarters.

SHOW YOUR WORK

Answer: _____

PART D: WORTH THE SAME?

- 12.** Which group of coins is worth exactly 50¢?

(A) Two quarters (B) Five dimes and one nickel (C) Three quarters

- 13.** A nickel, a dime and a quarter together make:

(A) 40¢ (B) 30¢ (C) 50¢

PART E: TWO WAYS

- 14.** A prize costs 45¢. Draw or write two different sets of coins that would pay for it exactly.

Coins That Match

ANSWER KEY

1. 45¢
2. 50¢
3. \$1.25, or 125¢
4. 35¢
5. 5
6. 45
7. 30
8. 50
9. Ezra has more. His 3 dimes make 30¢ and Anya's quarter is 25¢, so he has 5¢ more.
10. 5¢ more. Her quarter and dime make 35¢, and 40¢ take away 35¢ leaves 5¢.
11. Any two sets that make 30¢, such as one quarter and one nickel; three dimes; six nickels; two dimes and two nickels; one dime and four nickels.
12. A) Two quarters
13. A) 40¢
14. Any two different sets totalling 45¢, for example a quarter and two dimes, or four dimes and a nickel.

TEACHER NOTES

Extension beyond the grade-level expectation: groups mix three coin values and run past \$1, Part C compares two sets rather than counting one, and Part C question 3 has more than one correct answer on purpose.