

Grade 2 · Money: Dollars and Coins · Worksheet Answer Key

Common Core 2.MD.C.8 · mathovore.fr

This answer key shows every step for the 24 money problems. Count aloud with the students, check each total by adding a second way, and notice when an answer needs the cent sign or the dollar sign. Use the pictures to talk about running totals.

Grade 2 Common Core: 2.MD.C.8

Problem 1: Coin values

A penny is **1¢**. A nickel is **5¢**. A dime is **10¢**. A quarter is **25¢**.

Problem 2: Nickels and pennies

Count the nickels: 5, 10, 15. Then add the pennies: 16, 17, 18, 19. Check: $15 + 4 = 19$.



Running totals.

The total is **19¢**.

Problem 3: Dimes and pennies

Skip count the dimes: 10, 20, 30, 40. Add the pennies: 41, 42. Check: $40 + 2 = 42$.

The total is **42¢**.

Problem 4: Counting quarters

Skip count by 25: 25, 50, 75. Check: $25 + 25 + 25 = 75$.

The total is **75¢**.

Problem 5: Mixed coins

Say: 25, 35, 45, 50, 51, 52, 53. Check: $25+10+10+5+1+1+1=53$.



Running totals.

The total is **53¢**.

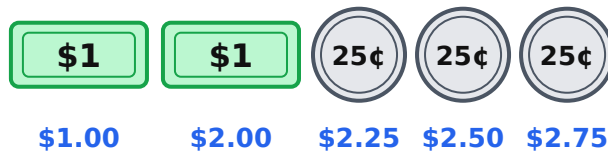
Problem 6: More mixed coins

Quarters: 25, 50. Dime: 60. Nickels: 65, 70. Pennies: 71, 72, 73, 74. Check: $50+10+10+4=74$.

The total is **74¢**.

Problem 7: Bills and coins

Two bills are \$2.00. Three quarters are 75¢. Together: $\$2.00+75 \text{ cents} = \$2.75$.



Running totals.

The total is **\$2.75**.

Problem 8: Dollar sign

- a. 3 dollars and 25 cents is \$3.25.
- b. 5 cents needs two digits, so it is 05: \$1.05.
- c. No cents, so write two zeros: \$6.00.

Problem 9: Cents and dollars

- a. \$0.45 is **45¢**.
- b. \$0.07 is **7¢**.
- c. \$0.90 is **90¢**.

Problem 10: Which is worth more

Group A: 25, 50, so it is 50¢. Group B: 10, 20, 30, 40, so it is 40¢. Since $50 > 40$, Group A is worth more. $50-40=10$.

Group A is worth 10¢ more.

Problem 11: Fewest coins

Start with the biggest coin that fits: a quarter (25¢). Left: $37 - 25 = 12$. A dime fits (10¢). Left: 2. Use two pennies.



Running totals: 25, 35, 36, 37.

Use **1 quarter, 1 dime, and 2 pennies** (4 coins).

Problem 12: Two ways to make 65 cents

Way 1: $25 + 25 + 10 + 5 = 65$, which is 2 quarters, 1 dime, and 1 nickel.



Way 1.

Way 2: $10 + 10 + 10 + 10 + 10 + 10 + 5 = 65$, which is 6 dimes and 1 nickel.



Way 2.

Other correct answers are possible. Any set of coins worth 65¢ is correct.

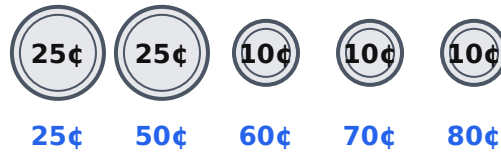
Problem 13: Enough money

Count: 25, 50, 55. Maya has 55¢. The sticker costs 60¢. Since $55 < 60$, Maya does not have enough. She needs $60 - 55 = 5$ more cents.

No. Maya needs 5¢ more.

Problem 14: Find the missing coins

Jamal has 50¢. He needs $80 - 50 = 30$ more cents. Three dimes make 30¢.



Two quarters and three dimes: 50, 60, 70, 80.

Jamal can add **3 dimes**. Other answers, like 1 quarter and 1 nickel, also work.

Problem 15: Add two prices

Add the prices: $35 + 20 = 55$. Check by counting on: 35, 45, 55.

Sofia pays **55¢**.

Problem 16: How much is left

Subtract: $90 - 45 = 45$. Check: $45 + 45 = 90$.

Ethan has **45¢** left.

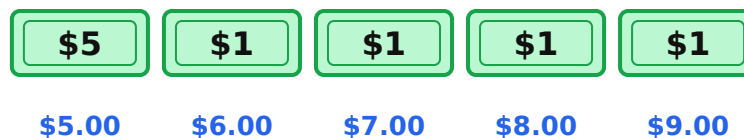
Problem 17: Change from a dollar

A dollar is 100¢. Subtract: $100 - 64 = 36$. Check: $64 + 36 = 100$.

Priya gets **36¢** in change.

Problem 18: Counting bills

Start with the five: 5. Then count on by ones: 6, 7, 8, 9. Check: $5 + 4 = 9$.



Running totals in dollars.

Diego has **\$9.00**.

Problem 19: Bake sale

Muffins: 2, 4, 6, so 3 muffins cost \$6. Juices: 1, 2, so 2 juices cost \$2. Total: $6 + 2 = 8$.

Aisha spends **\$8**.

Problem 20: Who has more

Liam: 25, 50, 75, so he has 75¢. Mei: 10, 20, 30, 40, 50, 60, 70, so she has 70¢.



Liam: 75¢.



Mei: 70¢.

Since $75 > 70$, Liam has more. $75 - 70 = 5$.

Liam has 5¢ more.

Problem 21: Saving for a toy

Count: 25, 50, 60, 70, 75. Noah has 75¢. A dollar is 100¢. Subtract: $100 - 75 = 25$.

Noah needs **25¢** more, which is one quarter.

Problem 22: Piggy bank

Dimes: 10, 20, 30, 40, 50. Nickels: 55, 60, 65, 70. Pennies: 71, 72, 73, 74, 75, 76. So the bank has 76¢. Add the quarter: $76 + 25 = 101$.

Diego has **101¢**, which is \$1.01.

Problem 23: Farmers market

Add the prices: $3 + 2 + 4 = 9$. Subtract from \$10: $10 - 9 = 1$.

Paid: \$10	
Spent: \$9	?

Mei spends \$9 and gets the rest back.

Mei gets **\$1** in change.

Problem 24: Birthday money

She spends $4+3=7$ dollars. She has $10-7=3$ dollars left. Since $3<4$, she cannot buy the sticker book.

Aisha has **\$3** left. **No**, she needs \$1 more.