

Coins and Word Problems

Coin Chart:

Coin Value Image

Penny \$0.01 ●

Nickel \$0.05 ●●●●●

Dime \$0.10 ●●●●●●●●●●

Quarter \$0.25 4 groups of 5 ●s

Visuals can be represented with circles or coin images when printing.

Worksheet 1: Coin Combinations Instructions: Use coins to make the following amounts. Show at least 2 different ways.

1. \$0.37
2. \$0.50
3. \$0.73
4. \$0.89

Worksheet 2: Writing Amounts in Dollars and Cents Instructions: Write the amount of money shown using dollars and cents.

1. 3 dimes + 2 nickels + 2 pennies = _____
2. 2 quarters + 1 dime + 1 penny = _____
3. 1 quarter + 3 dimes + 4 pennies = _____

Worksheet 3: Word Problems

1. Maria has \$0.45. She finds a nickel. How much money does she have now?



2. John has 3 dimes and 2 nickels. He buys a sticker for \$0.25. How much money does he have left?
3. Lily has 2 quarters, 1 dime, and 3 pennies. She finds 2 more nickels. How much money does she have in total?
4. Sam wants to buy a toy for \$0.75. He has 2 quarters, 2 dimes, and 1 nickel. How much more money does he need?

Hands-On Activity: Coin Exchange Game Instructions:

- Each student gets a set of coins.
- Teacher calls out an amount (e.g., \$0.58).
- Students use coins to make the amount in at least two different ways.
- Optional Challenge: Make the amount using the least number of coins.

Exit Ticket:

1. Write \$0.73 using coins in two different ways.
 2. Solve: You have 3 dimes and 1 nickel. You spend \$0.20. How much money do you have left?
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Assessment:

- Observe student participation in hands-on activities.
 - Check worksheets for correct coin combinations, dollar/cent writing, and word problem solutions.
 - Exit ticket ensures individual understanding.
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Differentiation:

- Support: Provide a coin chart and manipulatives.
- Challenge: Students create their own word problems with coins for classmates to solve.