

# Money Word Problems

**Showing all of the steps for the Problem Solving Method, answer the following.**

1. Martha has some nickels and dimes worth \$6.25. She has three times as many nickels as dimes. How many nickels does she have?
2. Rachel spent \$16.18 for some cans of dog food costing 79 cents each and some can of cat food costing 69 cents each. She bought two more cans of cat food than of dog food. How many cans of each did she buy?
3. A bank contains 36 nickels, dimes, and quarters. There are 4 more dimes than quarters and twice as many nickels as quarters. How many of each coin are in the bank?
4. A sandwich costs 20 cents more than a salad plate. Six sandwiches cost as much as seven salad plates. Find the cost of each.
5. A collection of quarters and dimes is worth \$6.75. The number of dimes is 4 less than three times the number of quarters. How many of each are there?
6. A total of 720 people attended a basketball game. Adult tickets cost \$2.50 each and student tickets cost \$1.50 each. If \$1220 worth of tickets were sold, how many students and how many adults attended?
7. A worker earns \$9 per hour for a regular workday and \$13.50 per hour for additional hours. If the work was paid \$114.75 for an 11-hour workday, what is the length of a regular workday?
8. Carrots cost 75cents per kilogram and potatoes cost 70cents per kilogram. A shopper bought 9 kg of the vegetables for \$6.60. How many kilograms of each did the shopper buy?
9. A collection of 102 nickels, dimes, and quarters is worth \$13.60. There are 14 more nickels than dimes. How many quarters are there?
10. Craig has 38 quarters and dimes. If he had twice as many quarters, he would have \$11. How many of each coin does he have?
11. A collection of 27 nickels and dimes is worth \$1.95. How many of each coin are there?
12. Museum passes cost \$5 for adults and \$2 for children. One day the museum sold 1820 passes for \$6100. How many of each type were sold?
13. A collection of quarters and dimes is worth more than \$20. There are twice as many quarters as dimes. At least how many dimes are there?