



Name : \_\_\_\_\_

Systems of Equations Word Problems - Coins

Answers

- 1 A jar of coins has one third as many dimes as quarters. If the total value of coins is \$5.10, how many dimes and quarters are in the jar?

Ans: 6 dimes, 18 quarters

- 2 Ava has 14 coins that have a total value of \$2.30. The coins are nickels and quarters. How many of each coin does he have?

Ans: Number of nickels = 6, Number of quarters = 8

- 3 In an election, the winner received 25% more votes than the loser. If 5175 votes were cast, how many votes did each candidate get?

Ans: 2300 votes, 2875 votes

- 4 2 times a number added to 10 times a second number is 20. 30 times the second number added to 3 times the first number is 45. What are the two numbers?

Ans: 5, 1