N	lame :	MATH MONKS
,	Systems of Equations Word Problems - Coins	
1	A jar of coins has one third as many dimes as quarters. If the total coins is \$5.10, how many dimes and quarters are in the jar?	value of
2	Ava has 14 coins that have a total value of \$2.30. The coins are nickel How many of each coin does he have?	s and quarters
3	In an election, the winner received 25% more votes than the loser. If were cast, how many votes did each candidate get?	5175 votes
4	2 times a number added to 10 times a second number is 20. 30 times second number added to 3 times the first number is 45. What are to numbers?	

ame: MATH
Systems of Equations Word Problems - Coins
Answers 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
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

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

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