SYSTEMS - MONEY PROBLEMS

1.   A student has a collection of nickels and dimes. If the collection has a total of 184 coins valued at $14.05, how many of each type of coin does he have?

2.   A sum of money amounting to $16.00 consists of dimes and quarters. If there are 98 coins in total, how many dimes are there?

3.   John has a sock containing quarters and half-dollars and the total value is $42.50. If the number of quarters and half-dollars were interchanged the coins would have a value of $24.00. How many quarters and half-dollars are there in the sock?

4.   You have been asked to make a deposit of $205.00 in loonies and ten-dollar bills. If the deposit consists of 34 items, how many of each kind do you have?

5.   Tickets to a concert cost $7.00 for students and $12.00 for adults. A total of $366.00 was raised when 38 tickets were sold. How many of each type were sold?

6.   Tickets to a basketball game cost $4.50 for children under the age of 12 and for everyone else the cost is $8.25. If 425 tickets were sold for a total of $2756.25; how many children's and adult's tickets were sold?

7.   If six CDs and 4 cassettes cost $152.00 while 3 CDs and 7 cassettes cost $131.00, find the cost of each CD and of each cassette.

8.   If 12 oranges and 7 apples cost $5.02 while 6 oranges and 2 apples cost $2.00, find the cost of an orange and of an apple?

9.   Tickets to a concert cost $23.00 for the main floor and $16.00 for the balcony. If the receipts from the sale of 340 tickets was $6910.00, how many tickets at each price were sold?