Define your variables. Write a system of equations. Solve algebraically or by using matrices.

1.)   Calvin has $8.80 in pennies and nickels. If there are twice as many nickels as pennies, how many pennies does Calvin have?
           How many nickels?

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2.)   A total of 78 seats for a concert are sold, producing a total revenue of $483. If seats cost either $2.50 or $10.50, how many
           $2.50 seats and how many $10.50 seats were sold?

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3.)   Tickets to a concert cost either $12 or $15. A total of 300 tickets are sold, and the total receipts were $4140. How many of
           each kind of ticket were sold?

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4.)   An investor buys a total of 360 shares of two stocks. The price of one stock is $35 per share, while the price of the other
           stock is $45 per share. The investor spends a total of $15000. How many shares of each stock did the investor buy?