

Define your variable and then write a system of equations to solve.

1)

The school that Stefan goes to is selling tickets to a choral performance. On the first day of ticket sales the school sold 3 senior citizen tickets and 1 child ticket for a total of \$38. The school took in \$52 on the second day by selling 3 senior citizen tickets and 2 child tickets. Find the price of a senior citizen ticket and the price of a child ticket.

2.

Two companies sell stock shares on Wall Street. Losers Incorporated stock starts with a value of \$39.63 and loses \$0.08 for each new stockholder. The "Be Rich with Us" Corporation starts with a value of \$24.45 and gains \$0.03 in value for each new stockholder. At how many new stockholders will the value be equal? What is that value? (Solve by graphing)

3.

Kristin spent \$131 on shirts. Fancy shirts cost \$28 and plain shirts cost \$15. If she bought a total of 7 then how many of each kind did she buy?