1. Casey wants to buy a gym membership. One gym has a $150 joining fee and costs $35 per month. Another gym has no joining fee and costs $60 per month. When would Casey pay the same amount to be a member of either gym? How much would he pay?

2. A jar contains **n** nickels and **d** dimes. There are 20 coins in the jar, and the total value of the coins is $1.40. How many nickels and how many dimes are in the jar?

3. A local boys club sold 176 bags of mulch and made a total of $520. It sold two types of mulch: hardwood for $3.50 a bag and pine bark for $2.75 a bag. How many bags of each kind of mulch did it sell?