Using Supposition

1. I have 38 coins and they are made up of 50-cent and 20-cent coins. Their total value is $13.60. What is the ratio of the number of 20-cent coins to the number of 50-cent coins?

Ans: _________________

2. Kumaran had 64 coins in his coin box. There were 20-cent coins and 50-cent coins. The total value of all the coins was $18.50. How many 20-cent coins and how many 50-cent coins were there?

Ans: _________________
A group of 24 children sold some tickets for a charity show. Each ticket was sold at $5. Each boy sold 5 tickets and each girl sold 3 tickets. The boys collected $40 more than the girls.

(a) How many girls were there in the group?

(b) How many tickets were sold altogether?

Ans: (a)_________(b)__________

Mrs B used either 4 red buttons or 2 blue buttons to make each dress. The total number of dresses she made was 35. The total number of red buttons used was 74 more than the total number of blue buttons used.

(a) how many red buttons were used altogether?

(b) how many blue buttons were used altogether?

Ans: (a)_________(b)__________
5. After the tsunami, 250 blankets were given out to the people. Three children shared 1 blanket while 2 adults shared 1 blanket. If there were 650 people, how many of them were adults?

Ans: ____________________