Find the missing number   Name: _____

1. When a number x is added to the set of numbers 5, 7, 8, 12, 6, 10 and 11; the
   new mean is 9.
   Calculate the value of x.
   x = [   ]

2) The mean height of the 30 children in a room is 76 cm. James, whose height is
   107 cm went into the room.
   What is the new mean of the height of the children in the room?
   Mean height = [   ] cm

3) The mean of a set of 10 numbers is 60. When a number x is added to the set,
   the mean is changed to 65.
   Find the value of x.
   x = [   ]

4) The mean of a set of 12 numbers is 65. When a number y is removed from the
   set, the mean is changed to 63.
   Find the value of y.
   y = [   ]

5 The mean weight of a group of 15 athletes was 60 kg. Two athletes whose
   weights were 68kg and 65 kg left the group.
   What is the new mean weight of the remaining athletes in the group?
   Mean weight = [   ] kg