The second of two numbers is 4 times the first. Their sum is 50. Find the numbers

$$4x + x = 50$$
 $5x = 50$
 $5x = 50$
 $x = 0,40$

The sum of two numbers is 45. The first is 9 less than the second. Find the numbers.

$$\chi - 9 + \chi = 45$$
 $2\chi - 9 = 45$
 $49 + 9$
 $2\chi = 54$
 $2\chi = 54$
 $\chi = 27, 18$

The larger of two numbers is 12 more than the smaller. Their sum is 84. Find the numbers

Together a necklace and a bracelet cost \$192. Find the price of each if the necklace costs 3 times as much as the bracelet.

$$3x + x = 192$$

Grandpa's age is 6 years less than 6 times Junior's age. The sum of their ages is 78. Find each of their ages.

$$j = junior$$
 $j = junior$
 $7j - 6 = 78$
 $7j - 6 = 84$
 $7j = 84$
 $7j = 84$
 $7j = 84$
 $7j = 12$, 66

Find two numbers whose sum is 92, if the first is 4 more than 7 times the second.

$$S+7S+4 = 92$$

 $85+4=92$
 $-\frac{4}{85}=88$
 $-\frac{1}{8}$
 $-\frac{1}{8}$
 $-\frac{1}{8}$

$$\frac{2}{3}(\frac{1}{2}x+5) = \frac{7}{14}(\frac{1}{3}x+5) = \frac{7}{14}(\frac{1}{3}x+5)$$