Determine the AP whose third term is 16 and the 7_{th} term exceeds the 5_{th} term by 12.

The sum of 4_{th} and 8_{th} terms of an AP is 24 and the sum of the 6_{th} and 10_{th} terms is 44. Find the first three terms of the AP

Subba Rao started work in 1995 at an annual salary of Rs 5000 and received an increment of Rs 200 each year. In which year did his income reach Rs 7000

The first and the last term of an AP are 17 and 350 respectively. If the common difference is 9, how many terms are there and what is their sum

? If the sum of the first n terms of an AP is $4n - n_2$, what is the first term (that is S_1)? What is the sum of first two terms? What is the second term? Similarly find the 3_{rd}, the10_{th} and the n_{th} terms.

In a school, students thought of planting trees in and around the school to reduce air pollution. It was decided that the number of trees, that each section of each class will plant, will be the same as the class, in which they are studying, e.g., a section of class I will plant 1 tree, a section of class II will plant 2 trees and so on till class XII. There are three sections of each class. How many trees will be planted by the students?