

7 The first term of an arithmetic series is -14 and the common difference is 4

(a) Find the 15th term of the series.

(2)

(b) Find the sum of the first 25 terms of the series.

(3)

The sum of nine consecutive terms of the series is 1422

(c) Find the smallest of these nine terms.

(5)



Question 7 continued

Example



P 4 4 0 3 0 A 0 1 7 3 2

Question 7 continued

PREPMT



Question 7 continued

Example

(Total for Question 7 is 10 marks)



P 4 4 0 3 0 A 0 1 9 3 2