24 An arithmetic series has 30 terms.

The first term is a
The common difference is d

The 20th term is 123
The sum of the 30 terms is 2880

Work out the value of a and the value of d
Show clear algebraic working.

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$a =$ .....

$d =$ .....

(Total for Question 24 is 5 marks)

Turn over for Question 25