

- 1) The first term of an arithmetic progression is $\frac{5}{3}$ and the sum of all 32 terms is equal to $\frac{904}{3}$. Find the last term.
- 2) The sum of the first twelve terms in an arithmetic series is 81. If the first term of the series is -7 , find the common difference.
- 3) The first term of an arithmetic series is $\frac{1}{4}$ and the 10th term is $\frac{17}{4}$. Find the common difference and the sum of the first 10 terms.
- 4) The sum of the first 10 terms of an arithmetic series is 2369. If the first term is 10 , find the common difference.
- 5) The first term of an arithmetic series is -33.5 . The sum of all the ten terms in the series is -740 . Find the last term.

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