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if the sum of series = 322 and $a_{23} = -19$. Show all formula work.

15th term: _____

2. Evaluate $\sum_{n=1}^{\infty} 4\left(\frac{1}{3}\right)^{n+1}$. Give answer as a fraction.

(You must show the correct formula for full credit...
but you may check your answer using calculator tools.)

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