

Exercise 1

Calc. : ✖

<p>A recursive sequence calculates the next term in the sequence from the previous number. Calculate the terms u_2, u_3 and u_4 for the sequence</p> $\begin{cases} u_1 = 8 \\ u_{n+1} = \frac{1}{2}u_n \end{cases}$ <p>and state explicitly what type of sequence this is. Hence calculate the sum to infinity for this sequence.</p>	<p>5 marks</p>
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