

24 $(2x + 1)$, $(10x - 10)$ and $(35x - 5)$ are the first three terms of a sequence.

The first term of the sequence is $(2x + 1)$ where $(2x + 1) \neq 0$

After the first term, all other terms of the sequence are found by using the rule

‘multiply the previous term by d ’

Given that x is an integer,

find the value of d .

$d = \dots\dots\dots$

(Total for Question 24 is 5 marks)

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