

- (iii) Complete the second row of the table below showing the changes to the x co-ordinate, the first nine times the point moves to a new position. Hence, or otherwise, find the x co-ordinate and the y co-ordinate of the final position that the point is approaching, if it continues indefinitely in this pattern.

Stage	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
Change in x	+4	0	-1						
Change in y									

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