<b>(i)</b>	Find the number of different ways in which the 9 letters of the word TOADSTOOL can arranged so that all three Os are together and both Ts are together.
(** <u>)</u>	
(11)	Find the number of different ways in which the 9 letters of the word TOADSTOOL can arranged so that the Ts are not together.

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(iii)	Find the probability that a randomly chosen arrangement of the 9 letters of the word TOADSTOOL			
	has a T at the beginning and a T at the end.	[2]		
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:1	Eivo letters are calcuted from the O letters of the ward TOADSTOOL. Find the number of di	ffamant		
(IV <i>)</i>	) Five letters are selected from the 9 letters of the word TOADSTOOL. Find the number of di selections if the five letters include at least 2 Os and at least 1 T.	nerent [4]		
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