2333 A2 1) a) | Set of accepted states = £923 state ii) 91 = 92 b 93 = 93 b 92 b 93 93 93 111) The strings accepted must have at least 1 a and must have an even number of b's. b) i) Accepted states set = £90,91,923

abarta ii) 903 913 923 915 925 93 93

III) The accepted string can be an empty one. If it's not an empty one, it can start with either a or b; doesn't matter. However, after starting with a or b, the next letter has to be the other (non-chosen) and it has to keep alternating between them. In short, if the string is not an empty one or a one-letter string, it can't have the same letter 2 times in a row. letter 2 times in a row.



