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CSC :	1300–002 Discrete Structures January 24, 2017
Quiz 1	
10 minutes, 20 points. No devices with on/off switches, books, University's academic integrity policy governs the conduct of this of	
1. Let's assume that PennDot has issued license plates with three at DAA and going through KZZ. These three-letter strings We've discovered that PennDot uses a 22 letter alphabet.	~
(a) How many possible license plates are there using this rate	nge of letter strings?
(b) How many possible license plates are there whose last di	igit is an 8 or a 9?

- 2. Let a and b be two odd numbers. Carefully prove, in the style suggested by the textbook, that
 - (a) a + b is even.

(b) ab is odd.