> Second round of problems for Grades 8-9.
6. Consider a set of finitely many points on the plane such that if we choose any three points $A, B, C$ from the set, then the area of the triangle ABC is less than 1 . Show that all of these points can be covered by a triangle whose area is less than 4.
7. A palindrome is a number that is the same when read forward and backward. For example, 1771 and 23903030932 are palindromes. Can the number obtained by writing the numbers from 1 to $n$ in order be a palindrome for some $n>1$ ? (For example, if $n=11$, the number obtained is 1234567891011 , which is not a palindrome.)

