***Riddle*#2**

What is the smallest natural number where the result of moving the digit on the far right to the front of the number is a number 9 times greater?

Similarly, for 142857, when you move the rightmost digit to the first place, it becomes 714285, which is the original number times 5.  
Keep in mind:  
- In this puzzle, you need the number to become the original times 9.- Provide your answer using digits only – no spaces, letters, symbols, etc.  
Riddle Answer (Required)(Psst!) We already tried to solve this riddle with AI and its answers were wrong. You will have to think on your own!

//142857

//5\*142857

//=714285