

На какую цифру оканчивается число $\{\{7^{\}\}^{\}\}^7$? (Такая запись предполагает следующий порядок возведения в степень $7^{\{(7^{\{(7^7)\}})\}}$)

The image shows a handwritten mathematical expression illustrating the order of operations for the nested exponentiation problem. It consists of three levels of nesting:

- An orange '7' at the bottom level.
- A blue '7' in the middle level, enclosed in a pair of parentheses.
- A green (7^7) at the top level, enclosed in a pair of parentheses.

The overall structure is $7^{\{(7^{\{(7^7)\}})\}}$, where the innermost exponentiation is 7^7 , followed by $(7^{\{(7^7)\}})$, and finally $7^{\{(7^{\{(7^7)\}})\}}$.