Day 5 Last Digit

1. Find the last digit of 3^{1997}.

2. (RIPMWC2021-12) $S=1^a+2^b+3^c+4^d+5^e$. a, b, c, d, e are all positive integers and d is odd. Which of the following value for b will ensure that the last digit of S is not 1?

A. 24
B. 74
C. 99
D. 101
E. None of the above

3. (RIPMWC2021-17) The last digit of $2021^3-2020^3+2019^3-2018^3+\cdots+3^3-2^3+1^3$ is ____.