Lecture 22 Exercises
CS 51P – Fall 2023

Convert the following expressions to "Big O" notation:

1) $(4n + 10)^4$

2) $\sqrt{2n^3 + n^2 + 10}$

3) $100000n + \log n$

4) $\sqrt{n} + 10 \log n$

5) $2^n + n^2$

What is the running time of insertion sort?