

1) What is the “big-oh” growth rate of the function $f(n) = 3n^2 + 2n$?

2) Call your answer to the previous question $g(n)$. Justify your answer to the previous by finding the constant multiple and point that it starts to apply: (Fill in the boxes; show and supporting work or derivation below)

$$f(n) \leq \boxed{} \cdot g(n) \text{ whenever } n \geq \boxed{}$$