Mini Assignment 1

Due: 11:20am on February 11th, 2019

20 points

Provide the Θ value for each of the following functions:

[1] $4n^2 + n^3$

$$\Theta(n) = n^3$$

[2] $6n + 2^n + 3n^{10}$

$$\Theta(n) = n^{10}$$

[3] $100 + n\log(n) + \log(n) + n$

$$\Theta(n) = n\log(n)$$