a) i) 2 variables assigned
ii) loop that loops n times
iii) variable being assigned n times, (result + s) n times
iv) return

This results in 2n + nx + 3, where x denotes the order of (result+s). This means this function is of complexity order T(n).

b)

Order	Speed /s (4 s.f.)
T(1)	3.640*10^-7
T(100)	2.309*10^-5
T(1,000)	0.001465
T(10,000)	0.1011

Ignoring T(1) to T(100), the increase to the next order class is 10 but the speed increases by 100 (10^2). A good guess for the order of this function is of Θ(n^2)

c)

Order	Speed /s (4 s.f.)
T(1)	3.272*10^-7
T(100)	4.441*10^-6
T(1,000)	4.501*10^-5
T(10,000)	3.309*10^-4

Again ignoring T(1) to T(100), as the 10^{th} power increases by 1 in each it's a good assumption that this function is of Θ(n)