Newton's Method in 1D for rootfinding

1分

Suppose you have the function

$$g(x) = 1 + (x - 3)$$

and want to find the root, where $g(x) = 0$. How many steps will it take Newton's method to converge (to say single precision)?

选项*

○ depends on the initial guess x_0

○ 1

○ 9

○ 2

○ 3

保存回答   提交最终回答