

✔

Congratulations! You passed!

Grade

received 90%

Latest Submission

Grade 90%

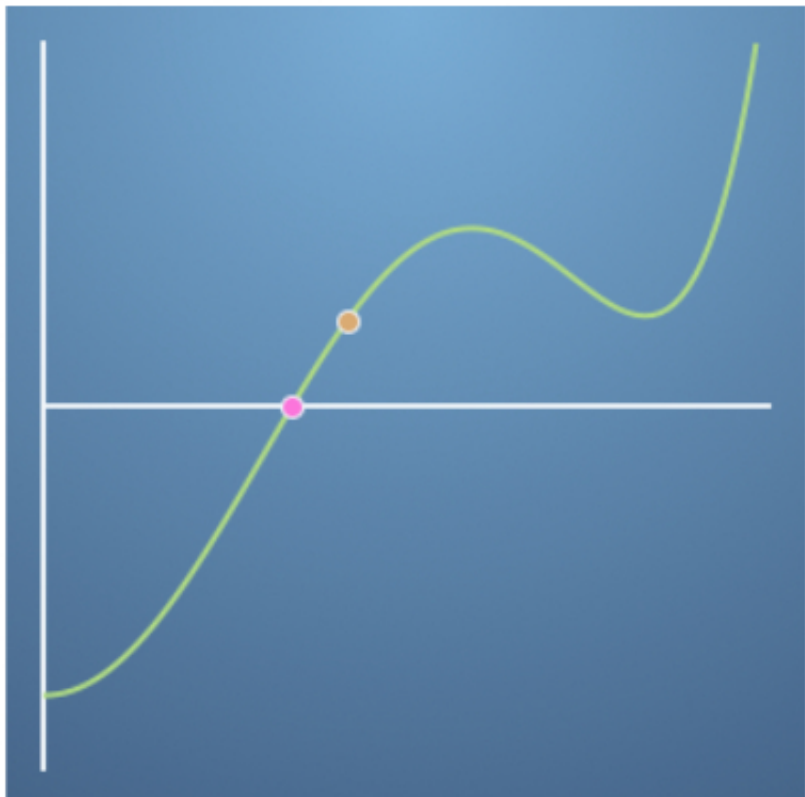
To pass 80% or higher

Go to next item

1.
- Given the following functions. When applying the Newton-Raphson method, which ones will converge to the specified root (pink dot) from the given starting point (orange dot)?

4.5 / 5 points

Select all that apply.

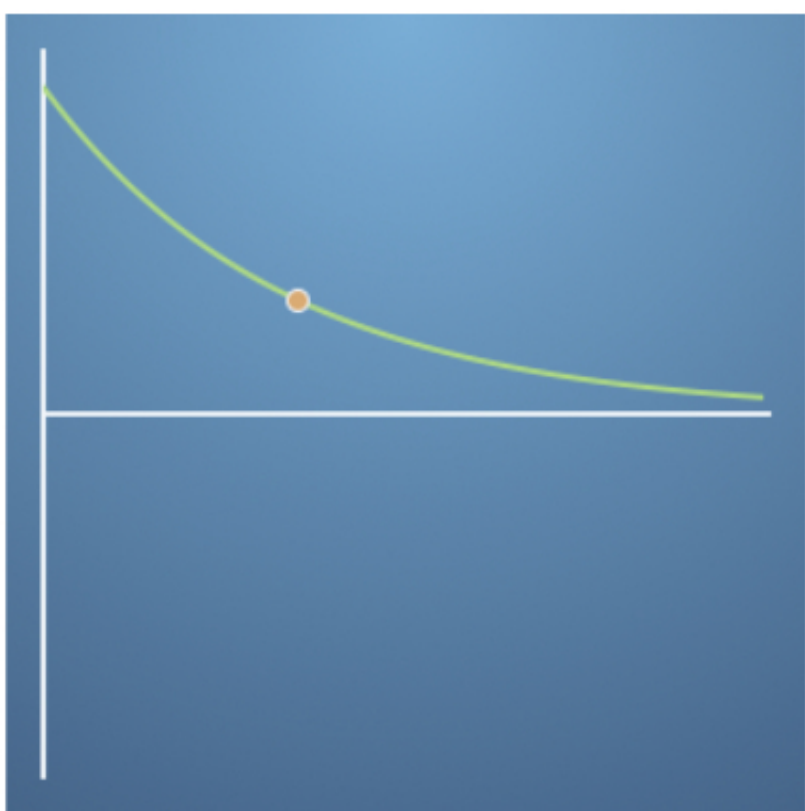


SSSS

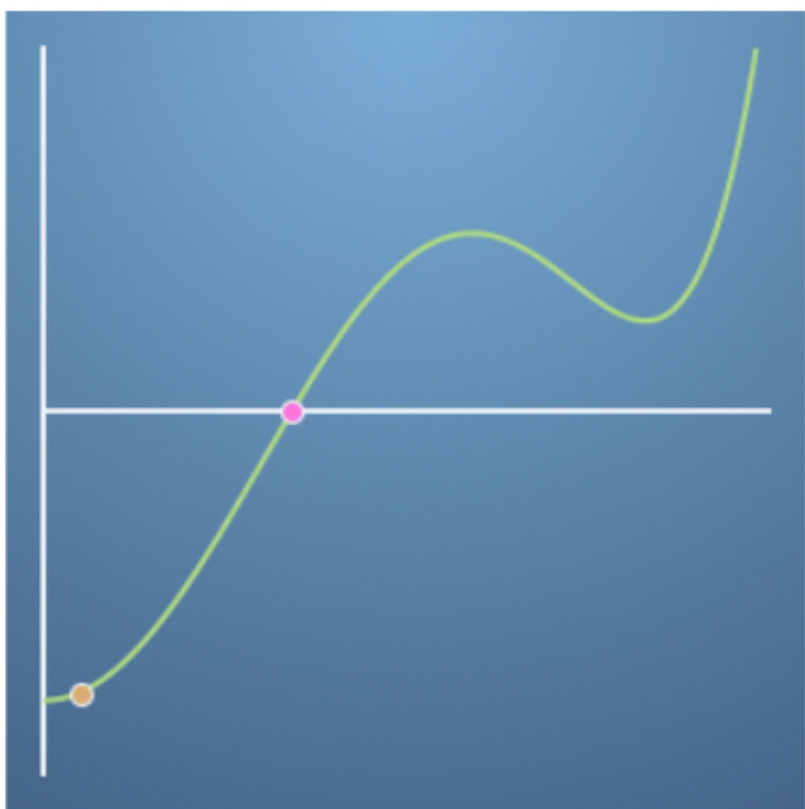


Correct

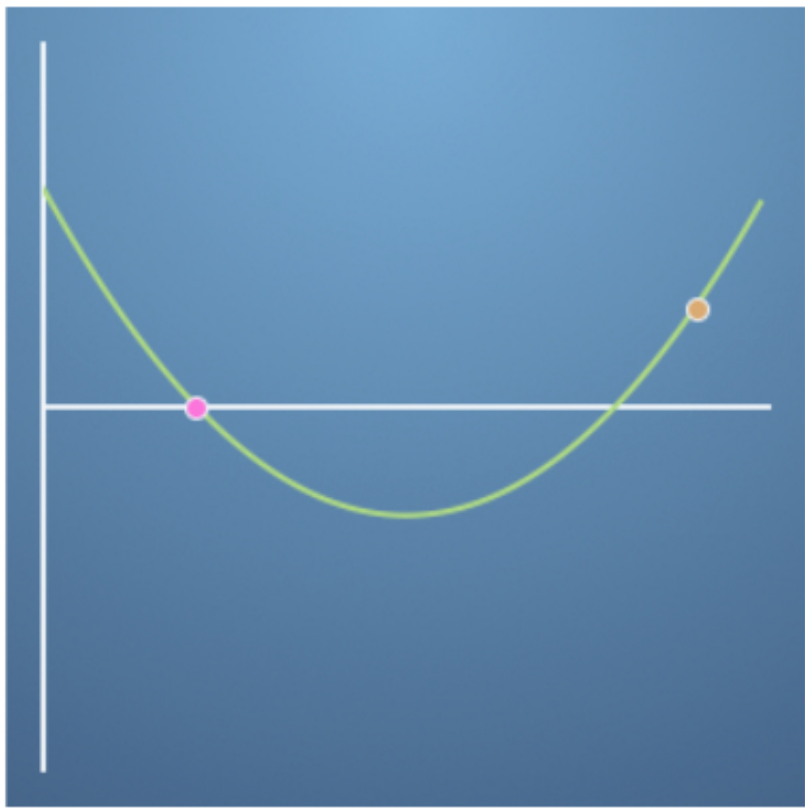
This optimisation will converge to the specified root.



SSSS



SSSS

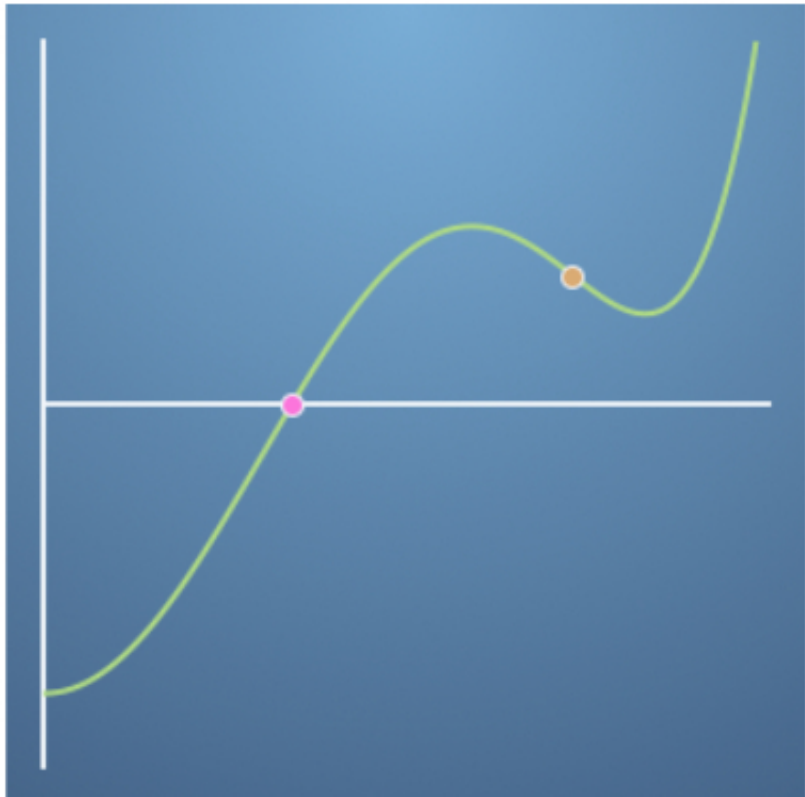


SSSS

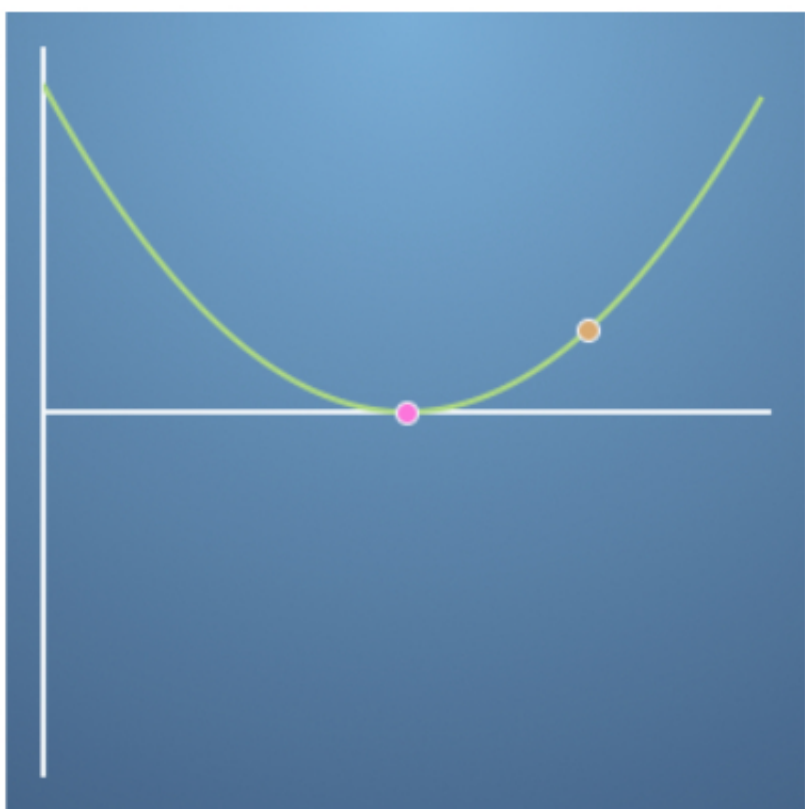


This should not be selected

This system will converge, but not to the correct root.



SSSS

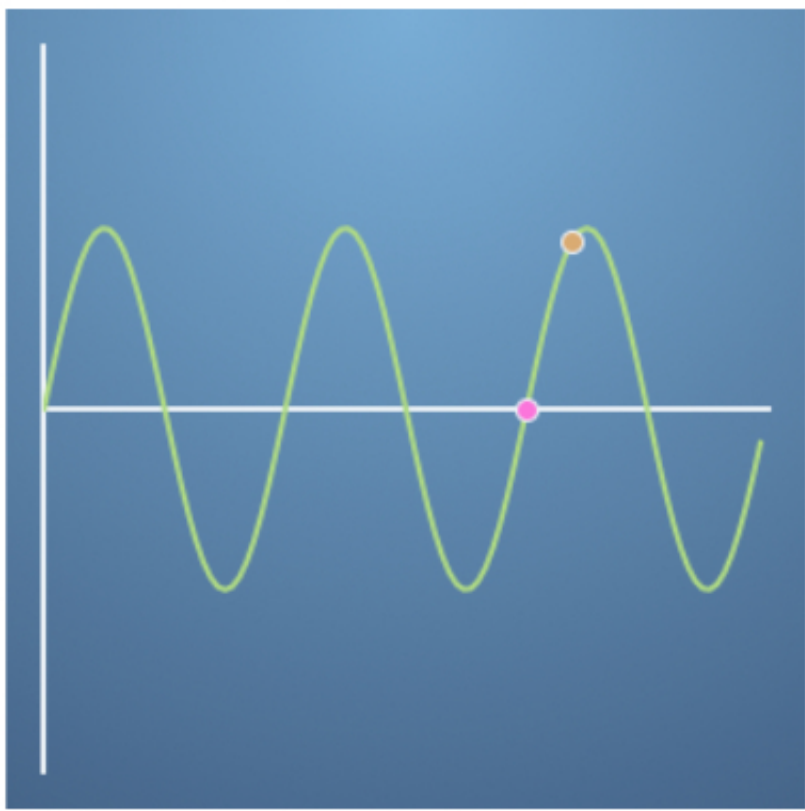


SSSS

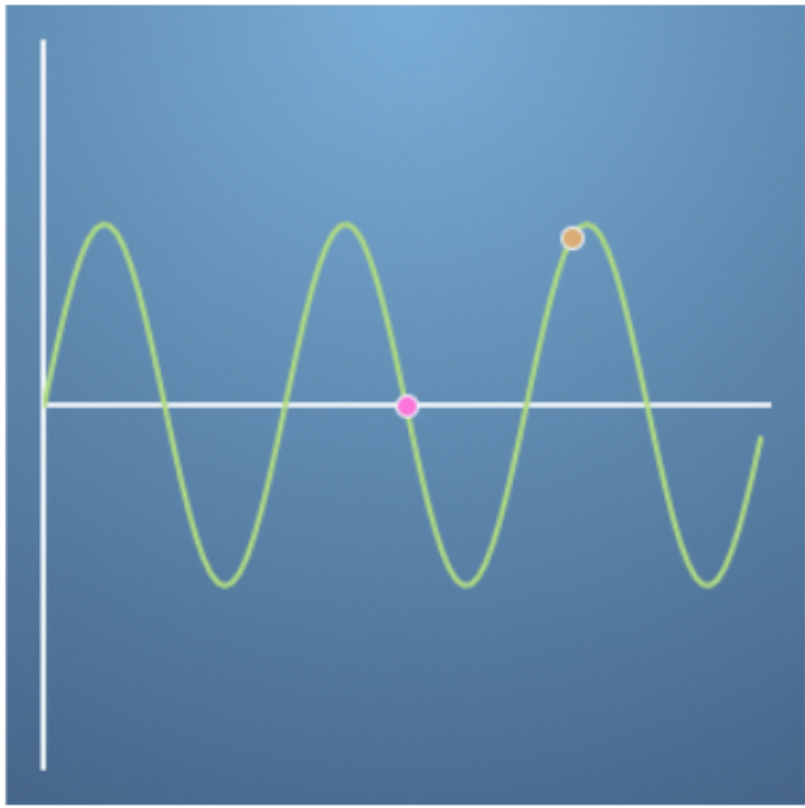


Correct

This optimisation will converge to the root, even though it is a minimum.



SSSS

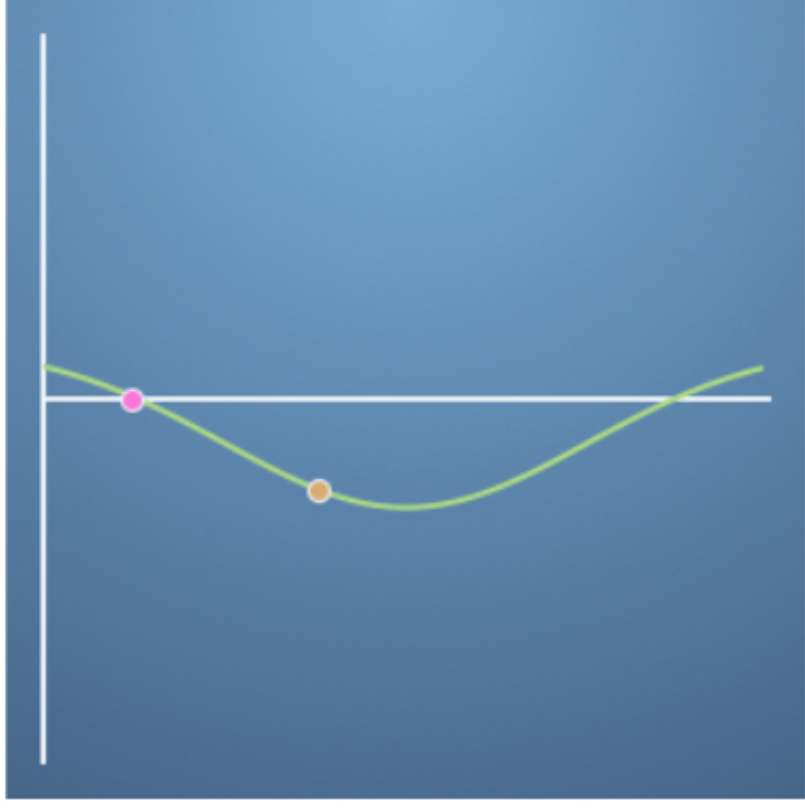


SSSS



Correct

This optimisation will converge to the specified root.

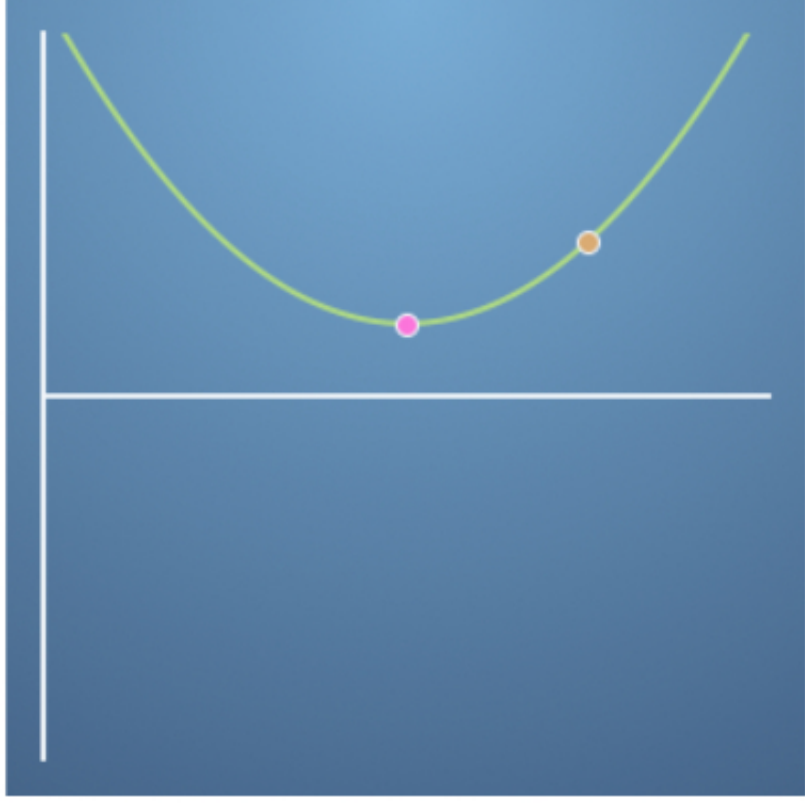


SSSS



Correct

This optimisation will converge to the specified root.



SSSS