

**Your grade: 100%**

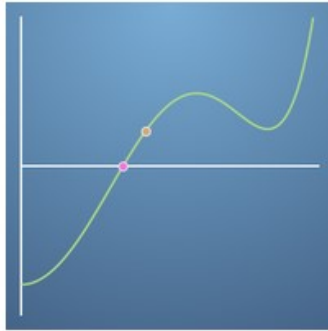
Your latest: 100% • Your highest: 100% • To pass you need at least 80%. We keep your highest score.

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)?

5 / 5 points

Select all that apply.

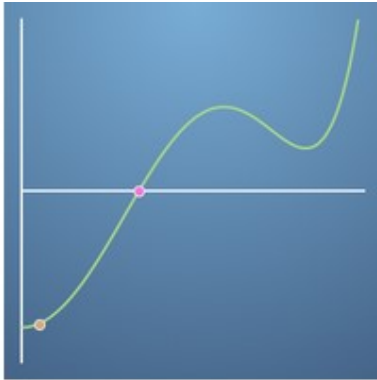


SSSS

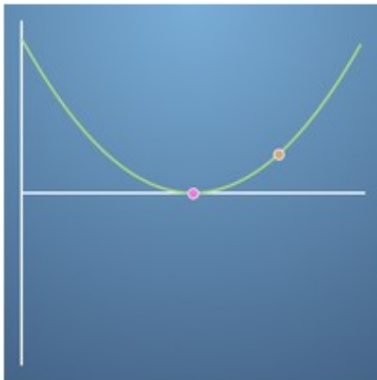


Correct

This optimisation will converge to the specified root.



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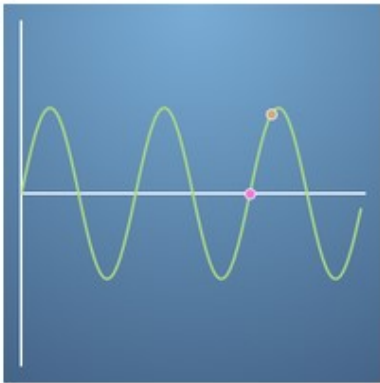


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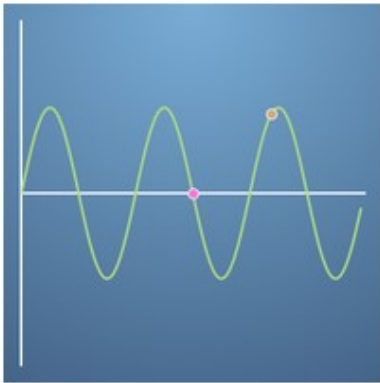
✓ Correct

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

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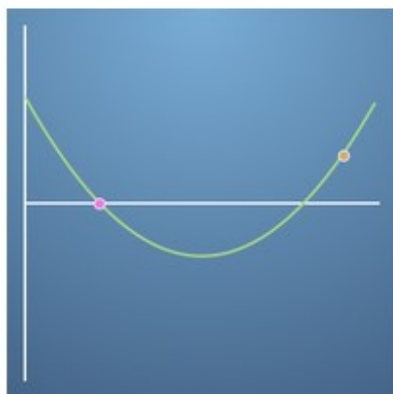


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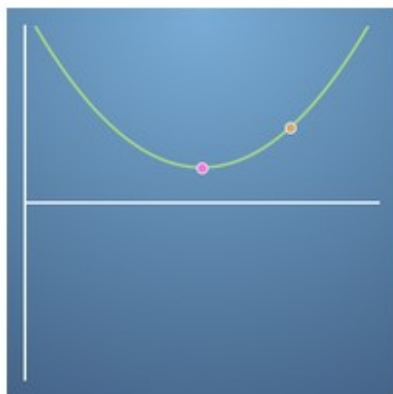


Correct

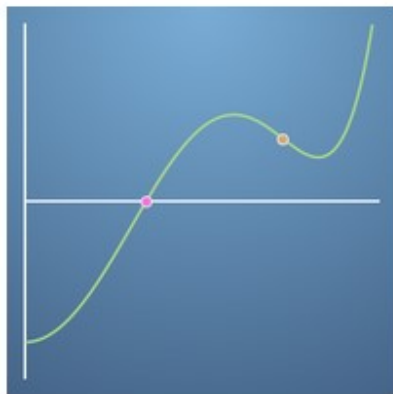
This optimisation will converge to the specified root.



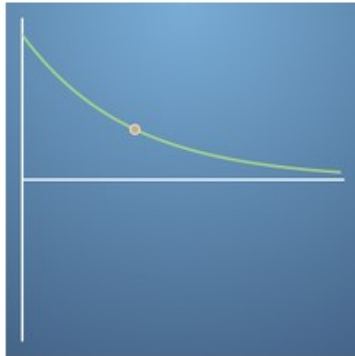
SSSS



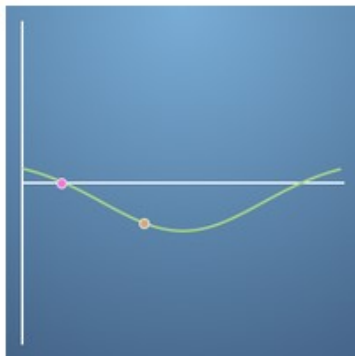
SSSS



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Correct

This optimisation will converge to the specified root.