

## Congratulations! You passed!

Grade received 90%

Latest Submission Grade 90%

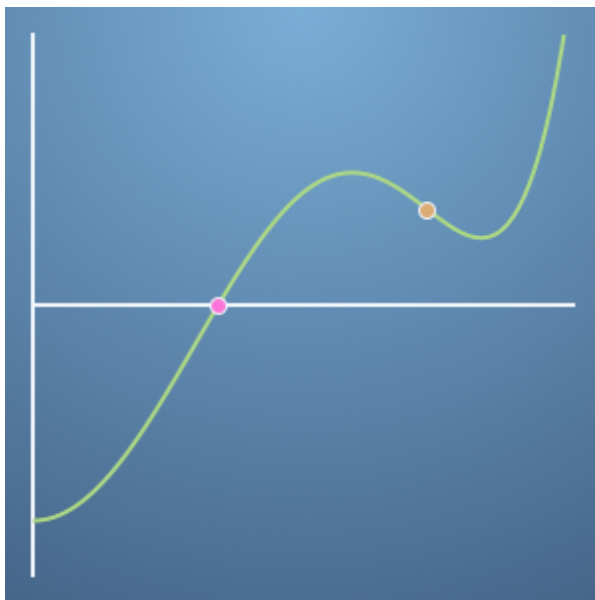
To pass 80% or higher

**Go to next  
item**

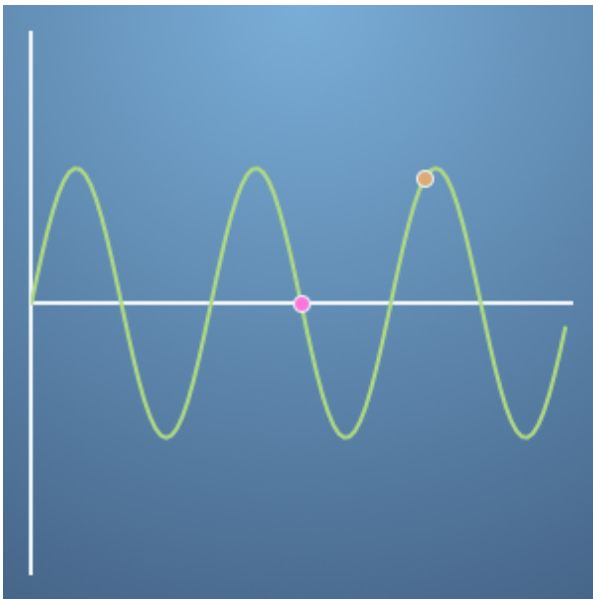
1. Given the following functions. When applying the Newton-Raphson method, which ones will converge to the specified root (pink dot) from the given starting point (orange dot)?

**4.5 / 5 points**

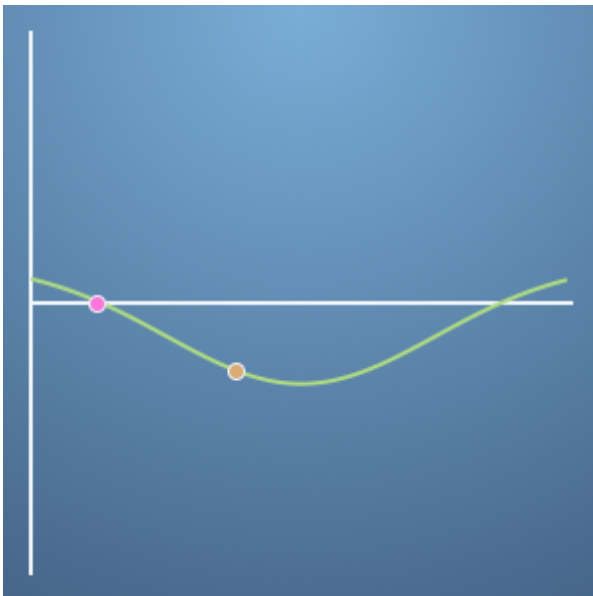
Select all that apply.

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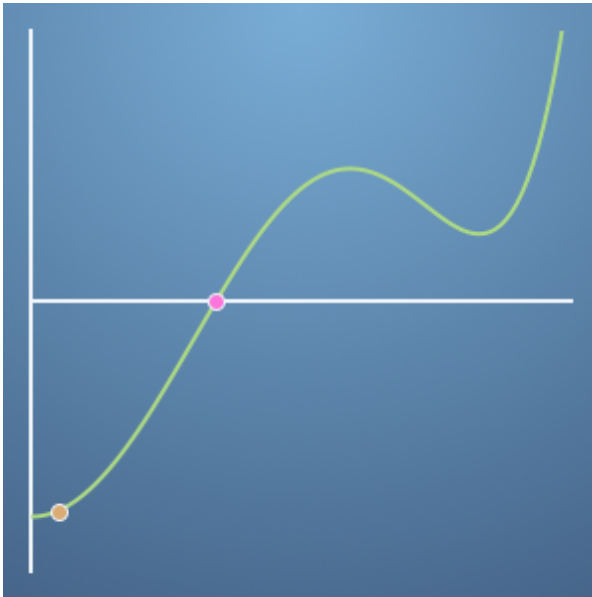
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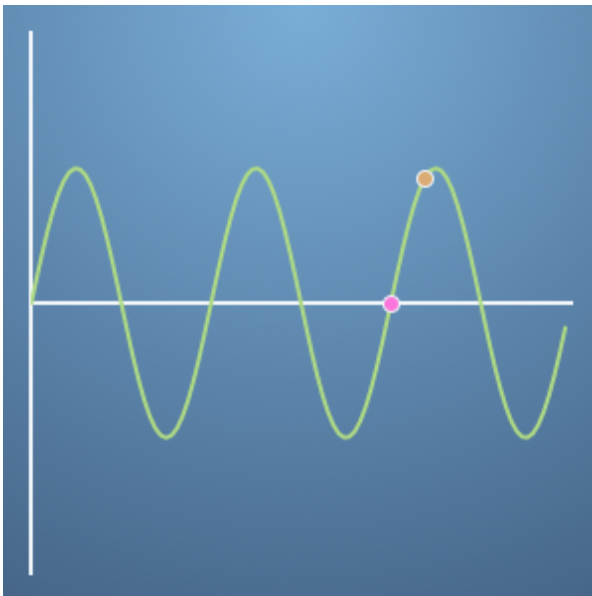
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**Correct**

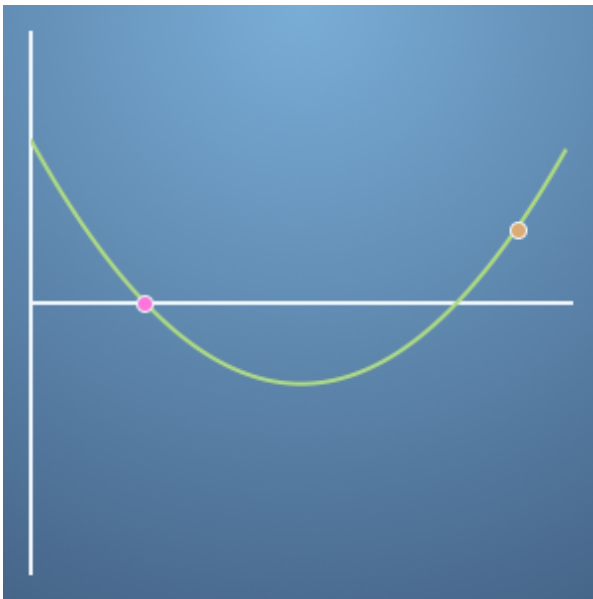
This optimisation will converge to the specified root.



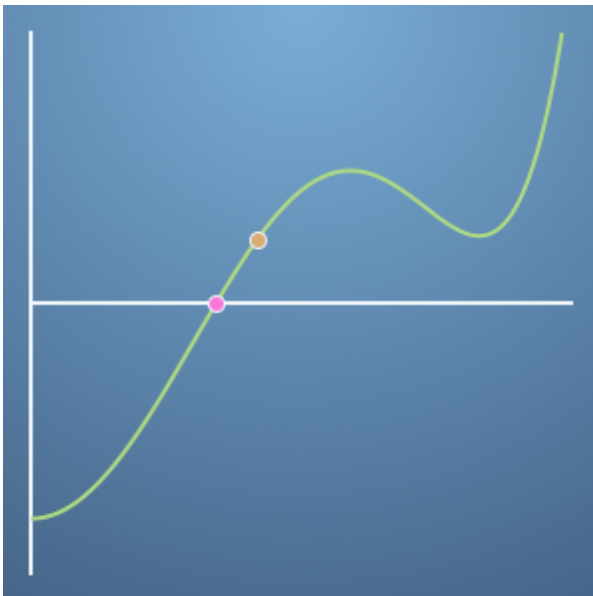
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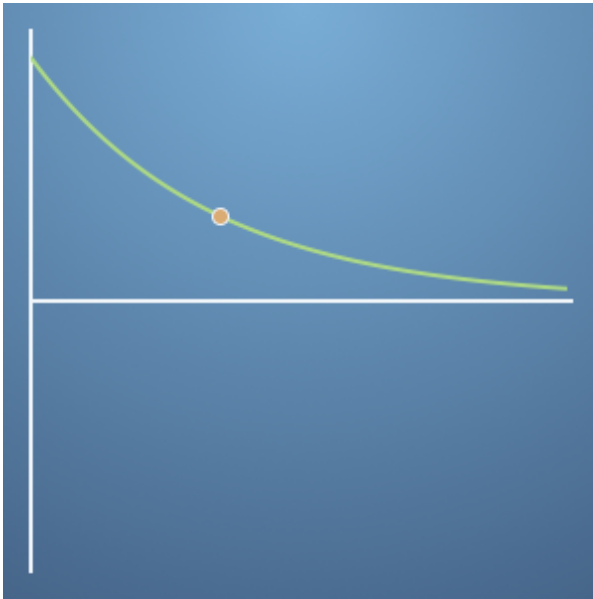
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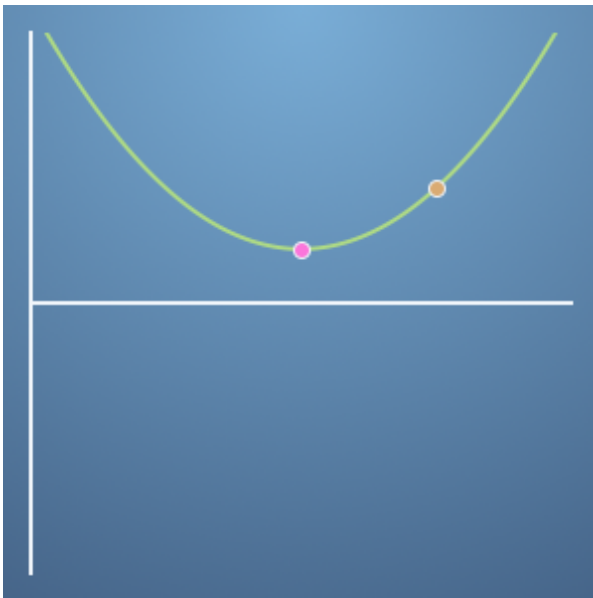
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**Correct**

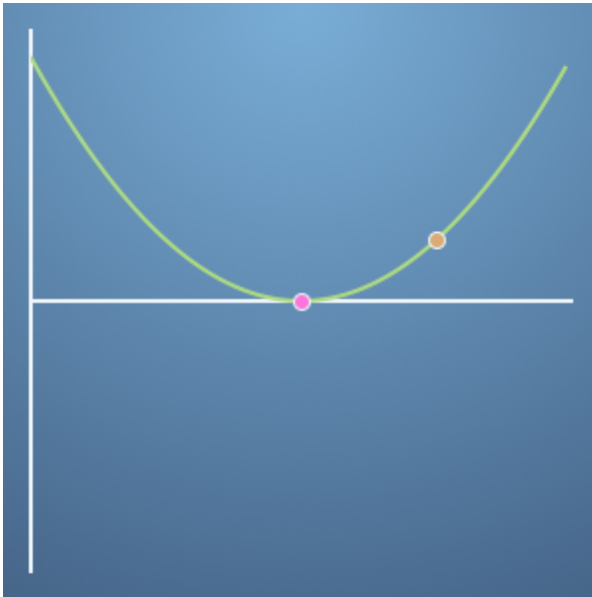
This optimisation will converge to the specified root.



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**Correct**

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