

**Your grade: 100%**

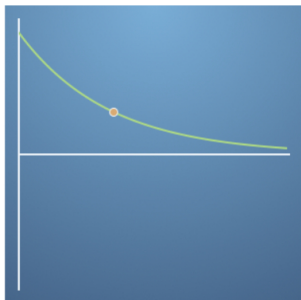
Your latest: **100%** • Your highest: **100%** • To pass you need at least 80%. We keep your highest score.

Next item →

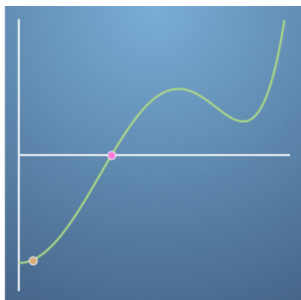
1. Given the following functions. When applying the Newton-Raphson method, which ones will converge to the specified root (pink dot) from the given starting point (orange dot)?

5 / 5 points

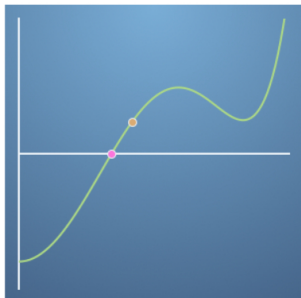
Select all that apply.

☐


SSSS

☐


SSSS

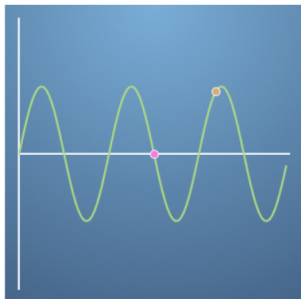
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SSSS



**Correct**

This optimisation will converge to the specified root.

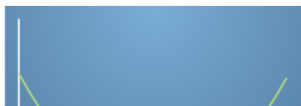
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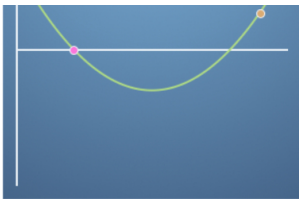
SSSS



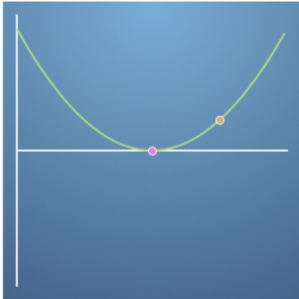
**Correct**

This optimisation will converge to the specified root.

☐




SSSS

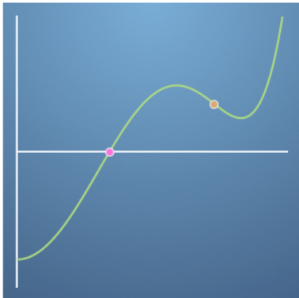


SSSS

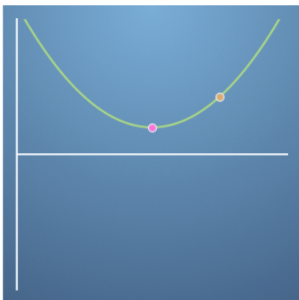


**Correct**

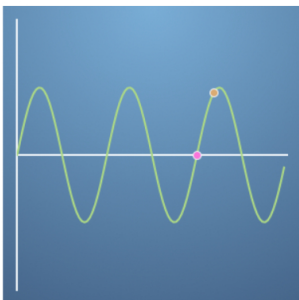
This optimisation will converge to the root, even though it is a minimum.



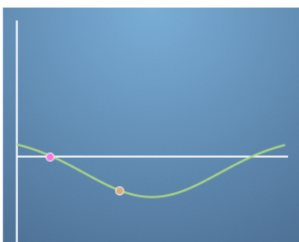
SSSS



SSSS



SSSS





SSSS



**Correct**

This optimisation will converge to the specified root.