

Name _____ Student No. _____ G____/____ Date: _____ Score: _____
Nickname: _____ Quiz No.: _____

Graphing Polynomial

A. Identify the properties of the given polynomial equation then sketch its graph.

1) $f(x) = -x^3 - 3x^2 + x + 3$

2) $f(x) = -x^4 + 10x^2 - 9$

FTA:
Factored form:
Actual roots:
End Behavior:

FTA:
Factored form:
Actual roots:
End Behavior:

Graph:

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