

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) $f(x) = -x^3 - 5x^2 - 3x + 9$

2) $f(x) = -x^4 - 5x^3 - 9x^2 - 7x - 2$

FTA:
Factored form:
Actual roots:
End Behavior:

FTA:
Factored form:
Actual roots:
End Behavior:

Graph:

Graph: