

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) $f(x) = x^3 + 5x^2 + 7x + 3$

2) $f(x) = -x^4 - 2x^3 + 7x^2 + 8x - 12$

FTA:
Factored form:
Actual roots:
End Behavior:

FTA:
Factored form:
Actual roots:
End Behavior:

Graph:

Graph: