Graphing Polynomial

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

1) $f(x) = -x^3 - 3x^2 + 4$

2) $f(x) = -x^4 - 9x^3 - 29x^2 - 39x - 18$

FTA:
Factored form:
Actual roots:
End Behavior:

Graph:

FTA:
Factored form:
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Graph: