



Name: _____

Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet
Graphs of Polynomial Functions

For each polynomial function, give the following details:

1. $f(x) = x(x^2 + x - 2)$ a. x-intercepts/zeros: _____ b. The table of signs c. Zeros and its multiplicity: _____ ; _____ ; _____ d. Turning points: _____ e. Sketch the graph:	2. $y = (x + 2)^3(x - 1)$ a. x-intercepts/zeros: _____ b. The table of signs c. Zeros and its multiplicity: _____ ; _____ ; _____ d. Turning points: _____ e. Sketch the graph:
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