

State the degree and list the zeros of the polynomial function. State the multiplicity of each zero and whether the graph crosses the x-axis at the corresponding x-intercept. Sketch a graph.

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

$$f(x) = (x + 5)^2(x - 1)^3(x + 6)$$