

1. Given the polynomial: $-5(2 - x)^2(x + 3)^3(1 - x)^2$, compute the following

(a) Degree

(b) Leading Coefficient

(c) Fill in the table concerning the zeros of $g(x)$

Linear Factor			
Zero			
Multiplicity			

(d) Sketch the graph of this function. Label y -intercepts.

