Figure 1. Given is $G(x) = 4x(1-x)$. Call $L = (0, 1/2)$, $R = (1/2, 1)$. 
Figure 2. Given is $g(x) = 3.04x(1 - x)$. Call $L = (0, 1/2)$, $R = (1/2, 1)$. 
Figure 3. Given is \( g(x) = 3.04x(1-x) \). Call \( L = (0, p_1) \), \( M = (p_1, p_2) \), \( R = (p_2, 1) \).
Figure 4. Given is $G(x) = 4x(1 - x)$. Call $L = (0, p_1)$, $M = (p_1, p_2)$, $R = (p_2, 1)$. 