微積分A預習測驗 #7

姓名：＿＿＿＿＿＿＿＿   系級：＿＿＿＿＿   學號：＿＿＿＿＿＿＿＿   分數：

Read Chapter 4 – Applications of Differentiation (pages 234-238) and answer the following questions.

1. State Rolle's Theorem appeared on the top of page 234.

2. State Mean Value Theorem appeared in the middle of page 235.

3. Prove that if $f'(x) = 0$ for every x in an interval (a, b), then f is constant on (a, b).