

**Handout 9****MATH 140 Lab: Section 1****Lab Instructor (TA): Mohammed Kaabar**

Student's Name:-----

Student's ID:-----

*Note: This handout covers some of the most important problems about differentiation theorems.***Problem 1:** Sketch (Graph) for: $y = x^4 - 4x^3 + 10$ **Problem 2:** Sketch (Graph) for: $y = x^{\frac{4}{3}} - 4x^{\frac{1}{3}}$