**5.5 A Procedure for Curve Sketching**

**Steps:**

1. DOMAIN
2. INTERCEPTS
3. SYMMETRY
4. ASYMPTOTES  
     
   a) Vertical  
     
     
   b) Horizontal
5. INTERVALS of INCREASE / DECREASE
6. LOCAL MAXIMUM / MINIMUM VALUES
7. CONCAVITY and POINTS OF INFLECTION
8. SKETCH THE CURVE

Sketch the curve . Follow all 8 steps listed on the front of this page.