Q. Sketch the function \( f(x) = 2x + 3x^{2/3} \) through finding:

1. the \( x \)- and \( y \)-intercepts

2. all asymptotes if there is any.

3. the local extrema, if any exist, and where \( f \) is increasing or decreasing.

4. concavity and inflection points, if any exist.
5. Sketch the graph of \( f(x) \) clearly indicating all important points and concavity.