IN THIS STEP WE FIND THE CONCAVITY OF THE GRAPH.

HERE WE FIND THE INFLECTION POINTS AND WHERE THE GRAPH CONCAVES UP AND DOWN.

- -TO FIND THE INFLECTION POINTS OF THE GRAPH WE NEED TO SOLVE FOR $\mathsf{F}(\mathsf{X})" = \emptyset;$
- -NEXT WE FIND WHERE THE GRAPH IS CONCAVE UP AND DOWN ---->
 - -IF THE F(X)" > Ø THEN THERE IS A CONCAVE UP
 - -IF THE F(X)" < 0 THEN THERE IS A CONCAVE DOWN

(2,3) is a point of inflection.