Calculus

Date:

Items Needed: .Book,

Objective: The students will determine the second derivatives and the tangents to the curve of an implicit differentiation.

Lesson:

* Do example 7 using y prime instead of dy/dx.
* Finding the tangents to the line is the same as before.
* Look at example 8, p.177.
* Do number 50 and 56 p. 180 from the book.

Assignment: Have students do 36, 49, 54, 55, 61, and misc. from 84-87, p. 179

Evaluation: (Could be from any one/several of the following)
    Responses from classroom questions
    Results of classroom sample problems
    Homework responses
    Check answer with Calculator
    End of the section exam

Enrichment: