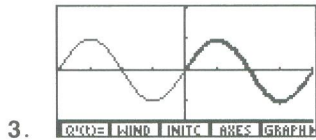
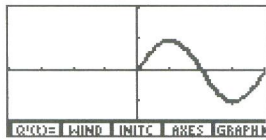
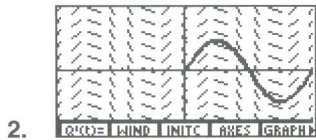


## Appendix A

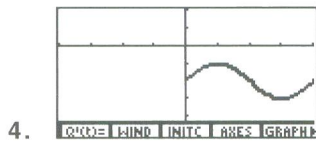
### Teacher's Notes

This section provides answers to the Exercises given in Chapters 1 through 10.

### Chapter 1: Recovering a Function From its Derivative: A Graphical Approach



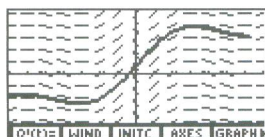
Analytic solution:  $y = \sin x$



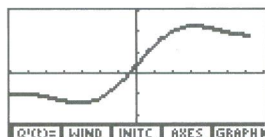


5. QUIT WIND INITC ABES GRAPH

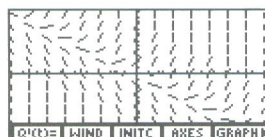
Following the flow of the line segments in the slope field gives the general shape of the solutions to the differential equation.



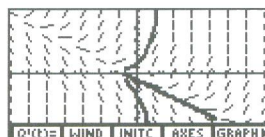
6. QUIT WIND INITC ABES GRAPH



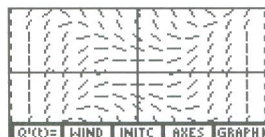
7. QUIT WIND INITC ABES GRAPH



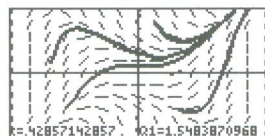
8. QUIT WIND INITC ABES GRAPH



9. QUIT WIND INITC ABES GRAPH

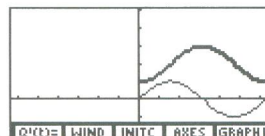


10. QUIT WIND INITC ABES GRAPH



11. 4.42857142857 4.21=1.5485870968

(Answers may vary)



12. QUIT WIND INITC ABES GRAPH