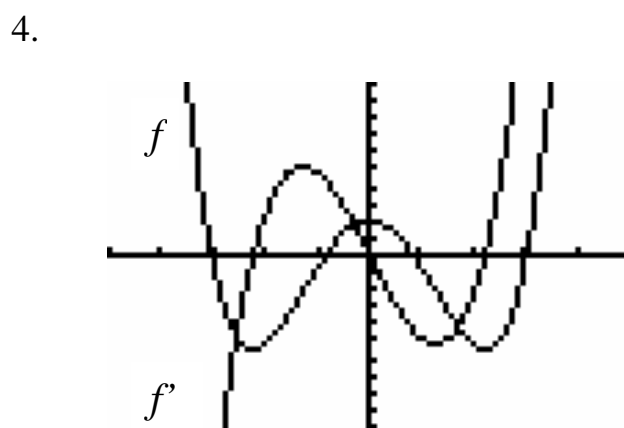
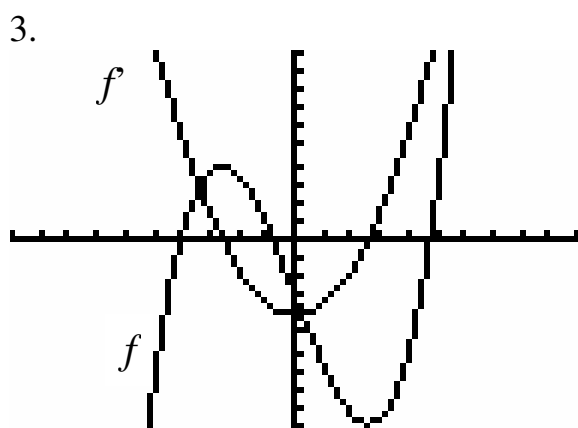
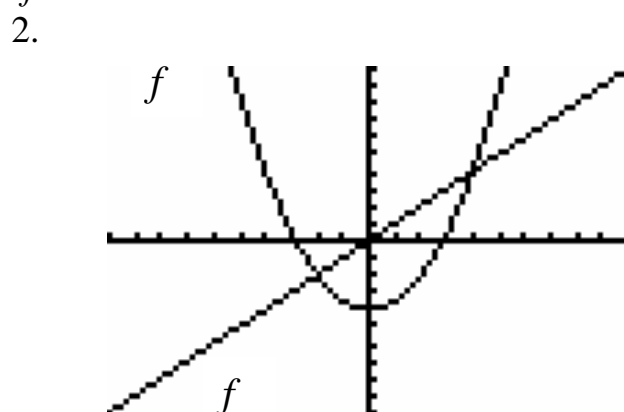
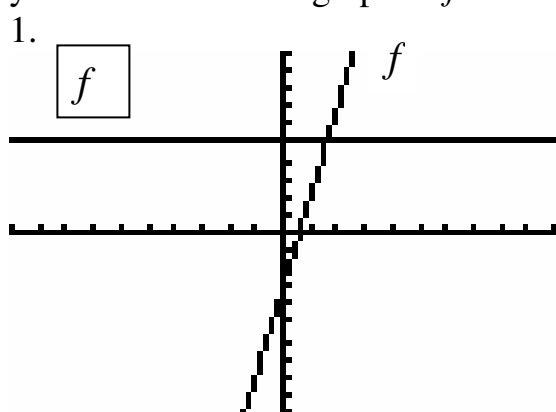


Starter Problems

1. State the following:
 - a. The limit definition of the derivative of a function
 - b. The alternative form of the limit definition of the derivative of a function
2. The tangent line to the graph of $y = g(x)$ at the point $(5, -2)$ passes through the point $(9, 0)$. Find $g(5)$ and $g'(5)$.

Exploring the relationships of the graph of a functions and the graph of its derivative.

The graphs of f and f' are graphed on the same coordinate plane. What conclusions can you make about the graph of f' as it relates to f ?



Today's Agenda

1. Starter Problems
2. Review/Complete assignment section 2.1
3. Today's Objectives Section 2.2
4. Today's Assignment: 115/1-37 odd, omit 17, 21, 25, 33

Agenda/Objectives/Notes Calculus Section 2.1 – 2.2

Today's Objective: You will be able to find the derivative of a function using

- a. The Constant Rule
- b. The Power Rule
- c. The Constant Multiple Rule
- d. The Sum and Difference Rules