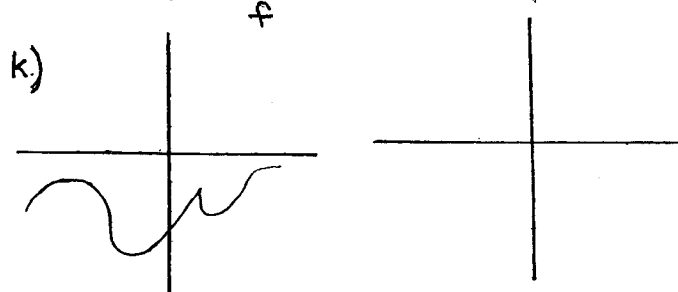
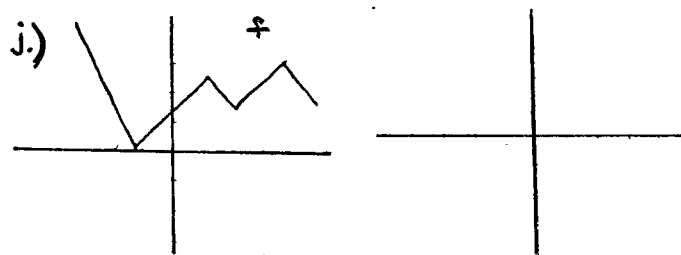
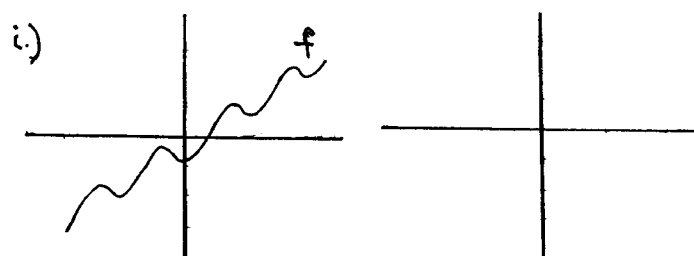
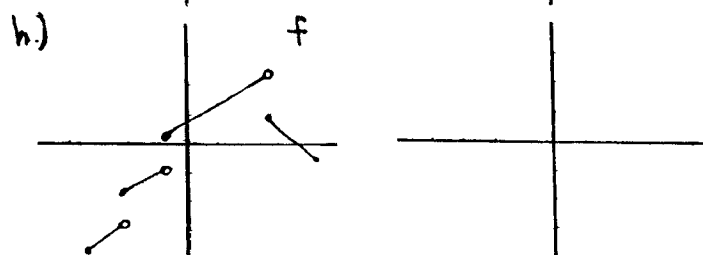
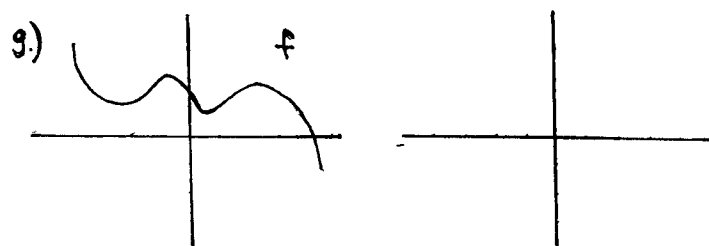
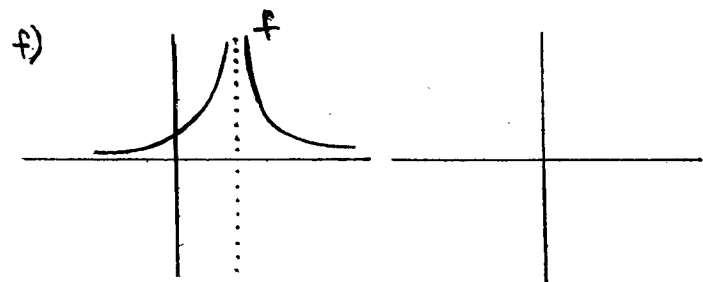
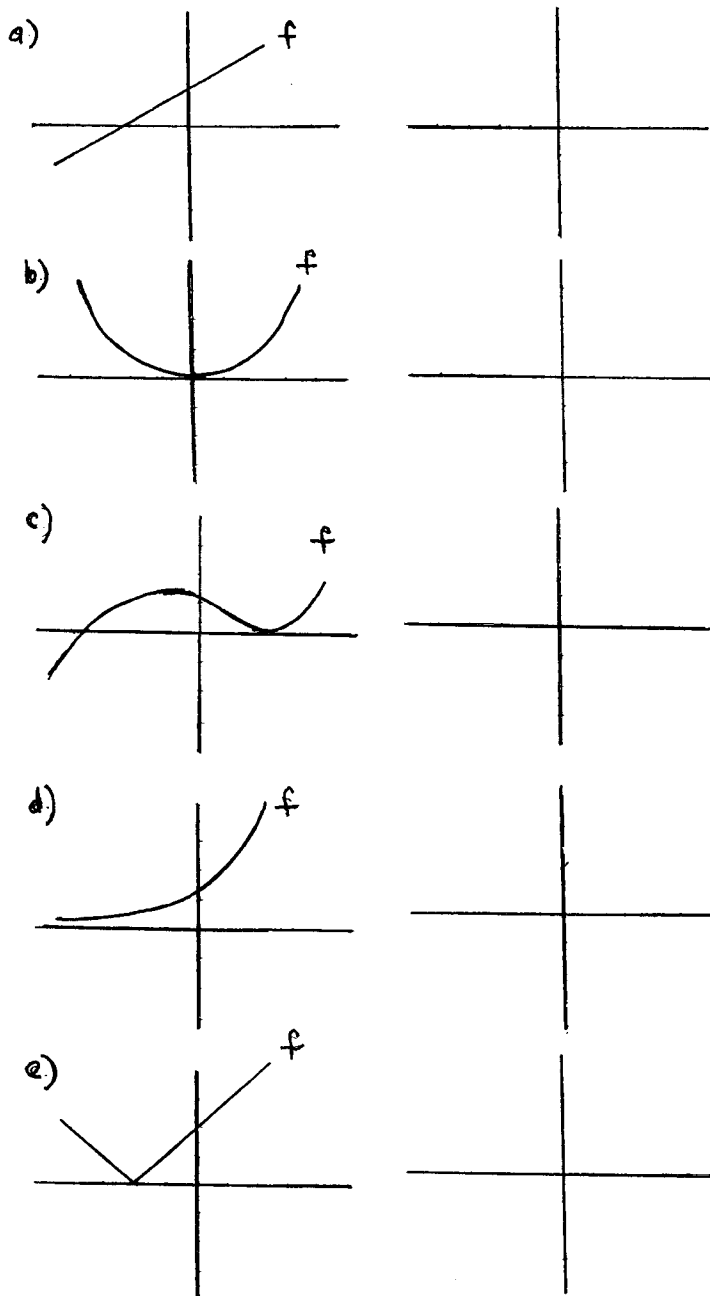
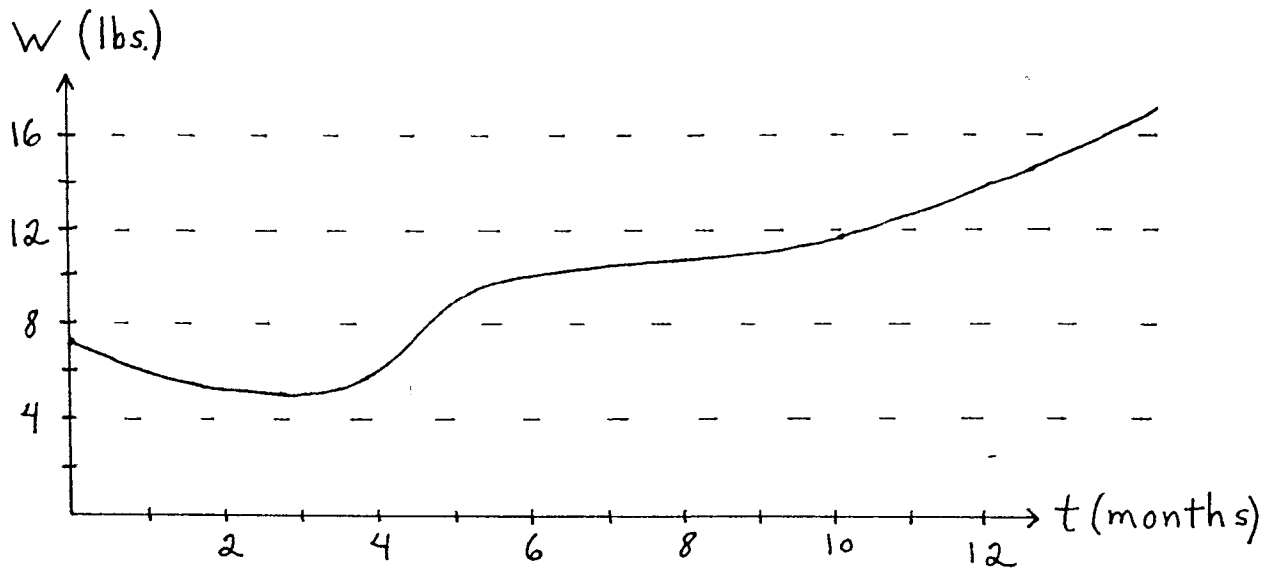


Math 16A
Vogler
Worksheet 4

1. Use the given graph of function f to sketch a graph of its derivative, f' .



2. The following chart represents the weight W (lbs.) of a newborn baby as a function of time t (months).



- What is the baby's weight at birth ? after 3 months ? after 1 year ?
- What is an estimate of the baby's growth rate (lbs./month) at birth ? after 3 months ? after 1 year ?
- When is the baby growing at the fastest rate during its first year of life and what is an estimate for this rate ?