- 7. [10 points] A very simple model for the deer population P in Michigan is P' = kP h, where k and h are constants, and h is the allowed number of deer that may be killed by hunters each year.
 - a. [4 points] What is the meaning of the parameter k? Is it positive or negative? Explain.

b. [6 points] Assume that k > 0 and solve the differential equation. What does your solution tell you about the long-term deer population?