Chapter 16
Section 1

Since 1930 the U.S. population has nearly _____.

_____- consists of all the individuals of a _____ that live together in one place at _____ time.

Eventually limited resources can limit how much a population can grow.

What can limit a population?

Three Key Features of Population

_____ _____- number
of individuals in a population.

Very small populations are most
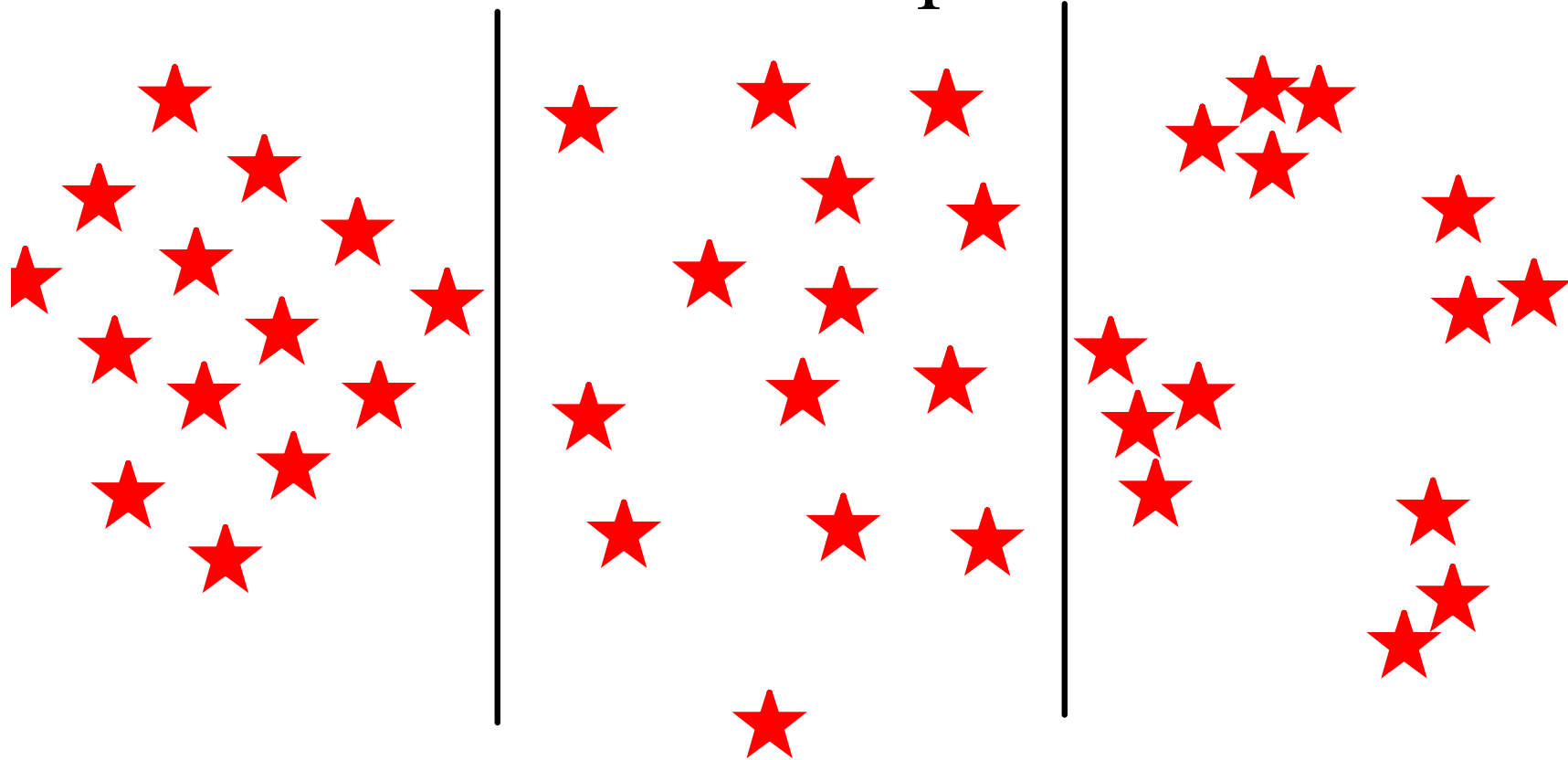likely to become extinct.

Small Populations can all be destroyed by _____ or flood. They also are more likely to _____.

Interbreeding creates a genetically _____ population. i.e. more individuals could be _____ recessive.

Population density the number of individuals in a given area.

Dispersion- the way the individuals of the population are _____ in space.

Three Patterns of Dispersion

Population Model-_____ population that attempts to exhibit the key characteristics of a ____ population.
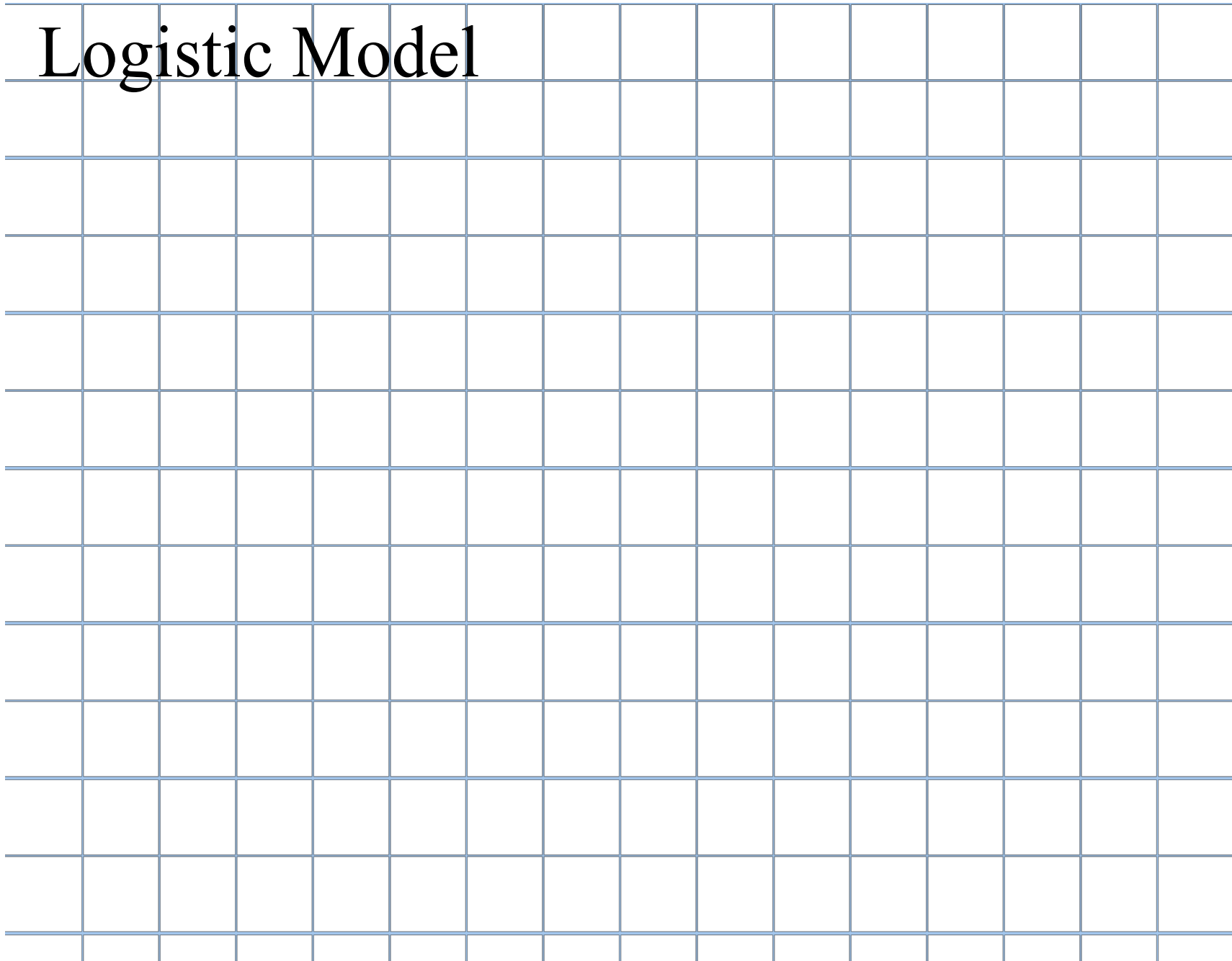
Growth Rate

A population grows when more people are born than die.

Growth rate= birth rate_____ death rate

Exponential Growth Curve

Logistic Model

Carrying Capacity- the population size an environment can _____.

Density-dependant factors

Density-independent factors

r-strategists | k-strategists