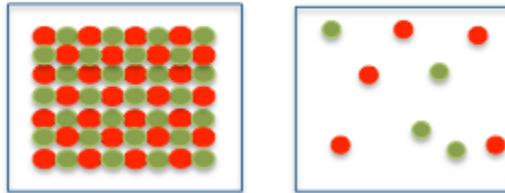


Name: _____

Population Ecology Recap

1. Correctly label which population has the higher density.



2. Define population density.

3. Correctly identify the following definitions as either a density dependent or density independent limiting factor:
- a. Limits population size dependent upon the number of individuals in a population

- b. Limits population size regardless of the population density

4. Correctly identify the following examples as either (A) a density dependent or (B) a density independent limiting factor:

a. Food Availability _____

d. Forest Fire _____

b. Space _____

e. Disease _____

c. Tornado _____

f. An early frost _____

5. Sketch and label an exponential growth curve (J-curve). What would cause a population to experience this type of growth?

6. Sketch and label a logistic growth curve (S-curve). Be sure to label carrying capacity. What would cause a population to experience this type of growth?