Name:

Class:

Human Population Growth Activity

1. Population size can be calculated using the formula P=(B+I) and (D+E).  Use the Population POGIL to remember what these stand for. What two factors do not matter for the global human population?  Why?
2. Does your graph show any sign that we are reaching our carrying capacity?  What factors might set a limit for our population?
3. Which type of limiting factors should be having more of an effect on our population? (density-dependent or independent?)  What does that mean we might be seeing in our near future (or now) in various countries?
4. How much time did it take to get from 1 billion to 2 billion?  From 2 billion to 3 billion? How is the rate of growth changing?  What does this mean in terms of population size in the future?
5. How does an increase in the human population affect the size of other populations of other species?  Which might be affected positively and why? Which negatively and why?