Populations

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**Content Purpose:** Distinguish between a population and a community and understand the connections between these and an ecosystem and biosphere.

**Language purpose:** Use scientific terms (ecosystem, invasive species, native species, impact populations, community etc) to summarize how specific limiting factors impact an ecosystem.

Answer all questions in QPA format.

1. What defines a population?

2. What factors affect the size of a population? Be specific and give examples in your answer.

3. Describe two ways to estimate population size.

a.

b.

4. How can overpopulation affect a community?

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Think About It!

Answer the following questions in complete sentences using QPA format. Be sure to give your reason why.

1. Can a group of rabbits and a group of mice be in the same population? Why?
2. Can a group of grey squirrels and red squirrels be in the same population? Why?
3. Can the groups of rabbits, squirrels and mice be in the same community? Why?