Matter and Energy

Use the diagram to answer the questions that follow.



- 1. What is this a diagram of? ______
- 2. What does the grass at the bottom represent?
- 3. Why does the hawk at the top need a larger population of blackbirds than its own population?
- 4. What kind of relationship exists between the grasshoppers and the blackbirds?

| • | What is a cycle? |
|----|---|
| | |
| • | What are the three steps of the water cycle? |
| • | What causes water to evaporate in the water cycle? |
| • | Where does condensation occur in the water cycle? |
| • | On the roots of clover, nitrogen is combined with other elements. What is this process called |
| | |
| | Why is nitrogen fixation important to living things? |
| 0. | Why is nitrogen fixation important to living things? |