# Analyzing a Desert Food Web

1. A student doing research collects the following information about feeding relationships in a desert ecosystem.



* 1. Use these notes to construct a food web of this ecosystem on a separate sheet of paper. Be sure to indicate the direction of energy flow on your food web.
  2. Draw a single food chain that includes 4 organisms from the desert ecosystem.
  3. In your food web, identify one organism that is an example of each of the following trophic levels or ecological roles:

producer carnivore

primary consumer herbivore

secondary consumer omnivore

decomposer

* 1. Describe the most likely short-term effect of each of the scenarios.
  2. The hawk population increases.
  3. The cactus population decreases.
  4. The hare population decreases.