

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Symbiosis Worksheet

Use your knowledge of symbiosis to complete the questions below. For each question, fill in the blank, or circle the correct answer (a, b, or c).

1. Use your definitions of commensalism, mutualism, and parasitism to assign each one to a pair of organisms designated by the signs (+ = positive effect, - = negative effect, 0 = no effect).
  - a. + and + = \_\_\_\_\_
  - b. + and - = \_\_\_\_\_
  - c. + and 0 = \_\_\_\_\_
  
2. Caribou in the tundra scrape back snow in order to expose lichen for them to eat. When they do this, it attracts small critters. The arctic fox follows the caribou and eats the small prey attracted by the exposed patch. Is this an example of:
  - a. Mutualism
  - b. Commensalism
  - c. Parasitism
  
3. You discover a dark alien planet, Rolac. On the planet, you find a dark blue smolg, and it has a coorfrag living inside of its head, glowing bright yellow. This glow allows the smolg to attract its prey, akpaks, and in turn, the coorfrag is able to stay warm. This is an example of:
  - a. Mutualism
  - b. Commensalism
  - c. Parasitism
  
4. Kaep and Llewop have a mutualistic symbiosis on planet Zoog. Evil aliens attack, causing the planet to freeze. This causes Llewop to start eating the flesh of Kaep, what is the new relationship between Kaep and Llewop?
  - a. Mutualism
  - b. Commensalism
  - c. Parasitism