

Name:

Date:

Class:

## Polymers, Plastics, and Bioplastics Quiz

**Instructions:** Use your notes to answer the questions. Answer using complete sentences.

1. What is a polymer? Can you give examples of natural and synthetic polymers?
2. How are plastics made from polymers?
3. What is the difference between a plastic and a bioplastic?
4. What roles do the following substances play in making a bioplastic?
  - a. Cornstarch
  - b. Gelatin
  - c. Glycerin
  - d. Vinegar
5. Why are engineers trying to find ways to break down plastics?
6. If you were an engineer, what would you design to help with the plastic pollution issue?
7. What is one thing you learned in this unit that surprised you or changed the way you think about plastics?