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

### Lesson 1.1 Biofuels Pretest

Biofuels are fuels made from materials produced by living things, most often plants. The biofuel most commonly used in the US is ethanol. It can be mixed with gasoline and used in cars.

1. Let’s think about gasoline first.
   1. What is gasoline made from?
   2. What happens to gasoline when it is burned in a car?
   3. Explain where the energy in gasoline came from?
2. Now let’s think about ethanol.
   1. What is ethanol made from?
   2. What happens to ethanol when it is burned in a car?
   3. Explain where the energy in ethanol came from?
3. Why do people think that substituting ethanol for gasoline may help with the global climate change problem?
4. How would you determine if the production and use of a particular biofuel would actually help with the global climate change problem?
5. What other biofuels have you heard about? Where do they come from and what are they used for?