

**Key Concept Builder** **LESSON 3****Recent Climate Change****Key Concept** How can human activities affect climate?**Directions:** Answer the question for each result of increased temperatures on the lines provided.

| Environmental Impacts of Climate Change                                   |                              |
|---------------------------------------------------------------------------|------------------------------|
| Result of Increased Temperatures                                          | What impact has this caused? |
| Warmer temperatures cause more water to evaporate from the ocean surface. | 1. _____<br>_____<br>_____   |
| Increasing temperatures cause glaciers and ice sheets to melt.            | 2. _____<br>_____<br>_____   |
| Higher temperatures melt the frozen soil in the arctic.                   | 3. _____<br>_____<br>_____   |
| Extreme weather events are becoming more common as temperatures increase. | 4. _____<br>_____<br>_____   |

**Directions:** Answer each question on the lines provided.

5. What is the global human population by the year 2050? \_\_\_\_\_

6. What are three ways people can reduce the greenhouse gases they add to the atmosphere?

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