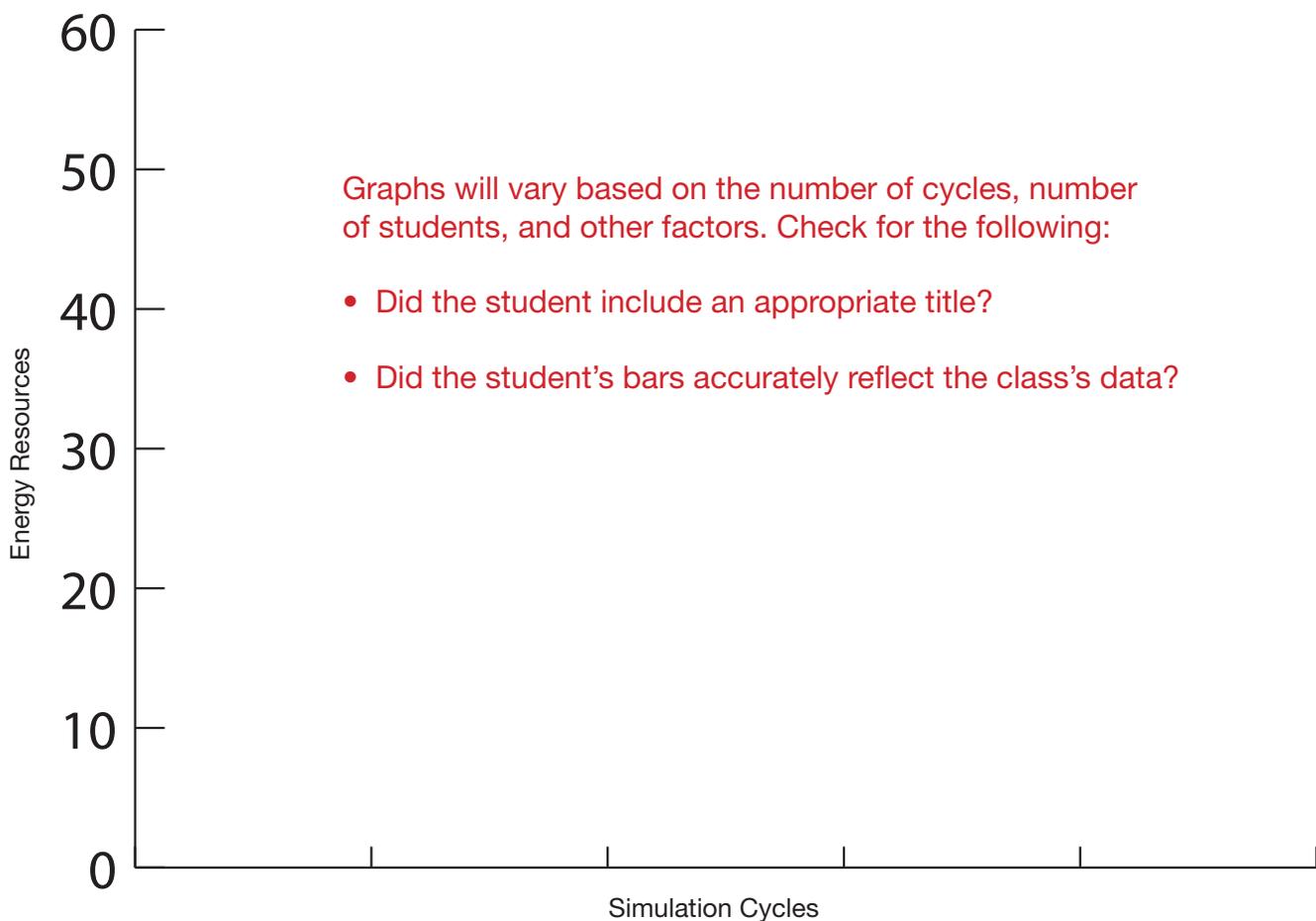


Name \_\_\_\_\_ Date \_\_\_\_\_

## Simulation Reflection Answer Key

**Part 1.** Use the data from the class's Energy Supply Chart to create a bar graph. Plot the number of energy chips of each fuel type available at the end of each cycle. Draw three columns, one for each type of fuel. Use the same colors as the chips for each column. Be sure to title your graph.

Title: \_\_\_\_\_



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# Simulation Reflection Answer Key, continued

**Part 2.** Use the graph to help you answer the questions below.

1. What happened to the energy resources over time? Why? Possible response: The number of available energy resources went down. Once non-renewable energy resources are used, they are gone.  

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2. What are some problems related to limited supplies of the energy resources we use for electricity? Possible response: Some problems are that we might not have things like lights at night or video games. There might be more fighting over the resources. People might get sick or die because they would not have electricity to stay cool or keep food cold. We might have fewer choices for things like food items and clothing because it might cost too much to make them.  

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3. What are some actions we could take to avoid these problems? Possible response: We could use less energy. We could use more renewable resources. We could make our houses and cities more efficient.  

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