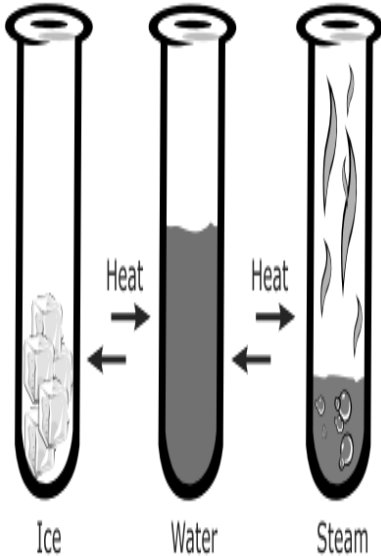
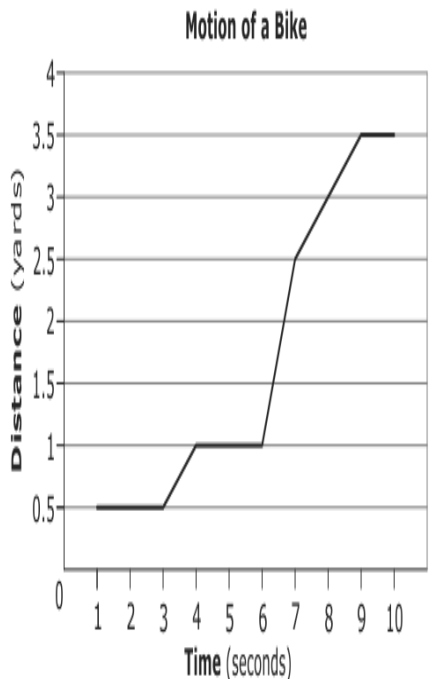
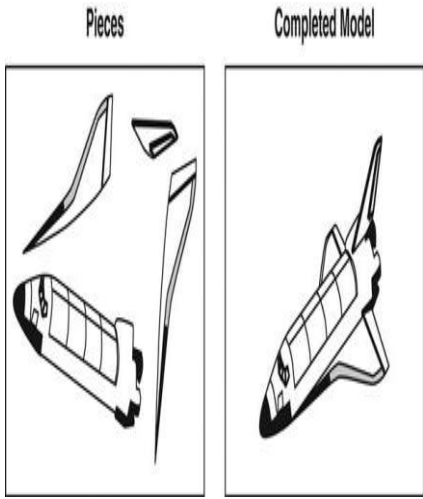
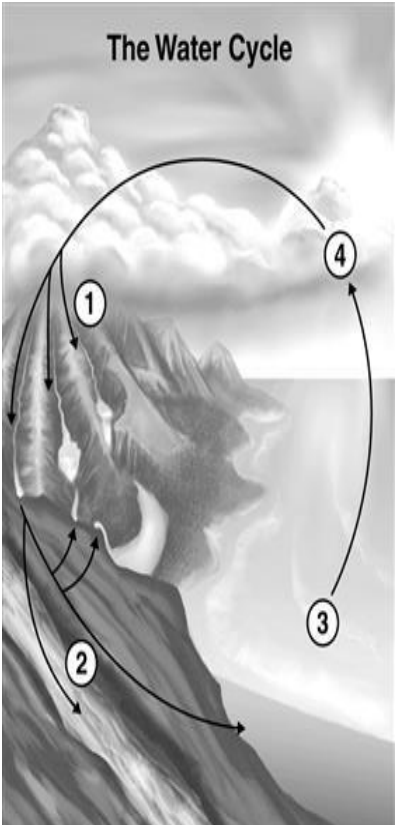


Name: \_\_\_\_\_

Question	Monday (10.29.2018)	Tuesday (10.30.2018)	Wednesday (10.31.2018)	Thursday (11.1.2018)
1	<p>A group of students weighed a sealed jar full of heavy cream. They shook the jar until the cream separated, and then weighed the jar again. Which of the following would <b>best</b> describe its weight?</p> <p>a. The jar will have gained weight because some liquid changed to a solid.</p> <p>b. The jar will have gained weight because shaking added energy to it.</p> <p>c. The jar will have lost weight because of friction from shaking the liquid.</p> <p>d. The jar will have kept the same weight because it did not gain or lose any matter.</p>	<p>Which <b>best</b> describes the Sun's effect on the water cycle?</p> <p>a. The sun causes water to precipitate. The precipitation evaporates and returns to the earth as condensation.</p> <p>b. The sun causes water to condense. The condensed water evaporates and returns to the earth as precipitation.</p> <p>c. The sun causes water to evaporate. The evaporated water condenses and returns to the earth as precipitation.</p> <p>d. The sun causes water to collect on the earth. The collected water precipitates and returns to the earth as condensation.</p>	<p>Which <b>best</b> describes how forces must interact for a sailboat to change direction against water current?</p> <p>a. The force of the person steering must be greater than the force of the water current.</p> <p>b. The force of the wind must be greater than the force of the water current.</p> <p>c. The force of the wind must be equal to the force of the water current.</p> <p>d. The force of the wind must be less than the force of the water current.</p>	<p>A scientist poured 500 grams of water into a container and tightly sealed it. The water froze. Which is <b>most likely</b> true about the ice that formed?</p> <p>a. The mass of the ice is the same as the mass of the water.</p> <p>b. The mass of the ice is greater than the mass of the water.</p> <p>c. The ice formed is a different substance than the water.</p> <p>d. The ice formed is the same temperature as the water.</p>
2	<p>A girl told her father her bicycle is hard to pedal, so he oiled the chain. How does this make the bike easier to ride?</p> <p>a. Friction on the bike has increased.</p> <p>b. Friction on the bike has decreased.</p> <p>c. Gravity on the bike has increased.</p> <p>d. Gravity on the bike has decreased.</p>	<p>Which <b>best</b> describes the change that occurs when heat is added to ice cream?</p> <p>a. A chemical change occurs as the ice cream becomes whiter.</p> <p>b. A physical change occurs as the ice cream becomes sweeter.</p> <p>c. A physical change occurs as the ice cream melts into a liquid.</p> <p>d. A chemical change occurs as the ice cream freezes into a liquid.</p>	<p>How do plants contribute to the water cycle?</p> <p>a. Plants cool the air and create condensation.</p> <p>b. Plants warm the air and create precipitation.</p> <p>c. Plants give off water through transpiration.</p> <p>d. Plants give off water in the form of runoff or groundwater.</p>	<p>Which example <b>best</b> describes a chemical change?</p> <p>a. wax melting</p> <p>b. an apple turning brown</p> <p>c. a piece of paper being cut into small pieces</p> <p>d. boiling water</p>

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

<p>3</p>	<p>What would a teacher <b>most likely</b> use this image to explain?</p>  <p>Ice      Water      Steam</p> <p>a. Heat being added and taken away is causing physical changes in water.</p> <p>b. Air being added and taken away is causing physical changes in water.</p> <p>c. Heat being added and taken away is causing chemical changes in water.</p> <p>d. Air being added and taken away is causing chemical changes in water.</p>	<p>At what point did the bike <b>most likely</b> begin to move down a decline?</p> <p>Motion of a Bike</p>  <p>a. between seconds 1 and 3</p> <p>b. between seconds 4 and 6</p> <p>c. between seconds 6 and 8</p> <p>d. between seconds 8 and 10</p>	<p>An engineer fit the pieces of a space shuttle model together.</p>  <p>Which statement <b>best</b> describes how the pieces compare to the completed model?</p> <p>a. Each piece is stronger than the completed model.</p> <p>b. The mass of the completed model equals the mass of all the pieces.</p> <p>c. Each piece is made from a different material than the completed model.</p> <p>d. The mass of the completed model is more than the mass of the all the pieces.</p>	<p>Which part of the diagram <b>best</b> represents condensation?</p>  <p>a. 1</p> <p>b. 2</p> <p>c. 3</p> <p>d. 4</p>
<p>Number Correct (Out of 3)</p>	<p>_____/3</p>	<p>_____/3</p>	<p>_____/3</p>	<p>_____/3</p>