

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

| Question                  | Monday (10.22.2018)  | Tuesday (10.23.2018)   | Wednesday (10.24.2018)  | Thursday (10.25.2018)  |
|---------------------------|--|--|---|--|
| 1                         | <p>Which <b>best</b> explains why most clouds form high in the atmosphere instead of close to the ground?</p> <p>a. Heat from the sun increases run-off.<br/>b. Heat from the sun decreases condensation.<br/>c. Heat from the sun causes air pressure to fall.<br/>d. Heat from the sun causes water vapor to rise.</p> | <p>A student flattens a ball of clay he is given and shapes it to resemble a boat. Which <b>best</b> describes the masses of the clay ball and the clay boat?</p> <p>a. The mass of the clay ball is more than the mass of the clay boat.<br/>b. The mass of the clay boat is more than the mass of the clay ball.<br/>c. The masses of the clay ball and the clay boat are the same.<br/>d. The clay ball has mass, but the clay boat does not.</p> | <p>A container is placed in front of a heat lamp. After a few hours, water droplets begin to form on the container. Which part of the water cycle does this <b>best</b> demonstrate?</p> <p>a. condensation<br/>b. evaporation<br/>c. precipitation<br/>d. transpiration</p>  | <p>On a hot summer day in North Carolina, a girl swims in an outdoor pool for several hours. Once she leaves the pool, her skin immediately begins to dry. Which <b>best</b> explains why her skin dries so quickly?</p> <p>a. condensation<br/>b. evaporation<br/>c. precipitation<br/>d. transpiration</p>   |
| 2                         | <p>In which can the original substances involved in the change <b>most likely</b> be recovered?</p> <p>a. a piece of iron rusting<br/>b. a pan of cookies baking<br/>c. a piece of wood burning<br/>d. a container of juice freezing</p>   | <p>A bowl was filled with 200 g of water. The bowl of water was placed in the freezer, and the water freezes. Which will <b>most likely</b> be the mass of the frozen water?</p> <p>a. 50 g<br/>b. 100 g<br/>c. 200 g<br/>d. 400 g</p>   | <p>Which <b>best</b> describes what happens when water condenses on a glass?</p> <p>a. A physical change occurs, because the water changes form.<br/>b. A physical change occurs, because the water changes color.<br/>c. A chemical change occurs, because the water gives off light.<br/>d. A chemical change occurs, because the water forms a new substance.</p>  | <p>A boy left his bike outside, buried in snow. In the spring, when the snow melted, he found his bike covered in rust. Which <b>best</b> describes the change to the bike?</p> <p>a. It was a chemical change, because the bike was a different color.<br/>b. It was a chemical change, because the rubber tires were deflated.<br/>c. It was a chemical change, because rust can be removed from the metal.<br/>d. It was a chemical change, because rust is a new substance on the metal.</p> |
| 3                         | <p>Which is an example of a chemical change?</p> <p>a. melting ice to make water.<br/>b. baking cake batter to make a cake.<br/>c. a glass bottle breaking.<br/>d. A puddle of water evaporating into water vapor.</p>   | <p>A waiter puts 200 grams of ice into a pitcher with 900 grams of water. He gets distracted and comes back later to find that the ice has melted in the water. How many grams of water is now in the pitcher?</p> <p>a. 200 g<br/>b. 700 g<br/>c. 900 g<br/>d. 1,100 g</p>  | <p>A group of students weighed a sealed jar full of heavy cream. Then they shook the jar until the cream separated, and then they 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.<br/>b. The jar will have gained weight because shaking added energy to it.<br/>c. The jar will have lost weight because of friction from shaking the liquid.<br/>d. The jar will have kept the same weight because it did not gain or lose any matter.</p> | <p>A scientist placed 20 grams each of water, grape juice, orange juice, and coffee in an ice cube tray. She wanted to see what the mass of each liquid would be after freezing. Which is the <b>most likely</b> conclusion when she weighs the frozen samples?</p> <p>a. Each sample will weigh 40 grams.<br/>b. Each sample will weigh 25 grams.<br/>c. Each sample will weigh 20 grams.<br/>d. Each sample will weigh 15 grams.</p>   |
| Number Correct (Out of 3) | _____/3  | _____/3  | _____/3   | _____/3  |