

Name: _____

Question	Monday (2.18.2019)	Tuesday (2.19.2019)	Wednesday (2.20.2019)	Thursday (2.21.2019)
1	<p>A state trooper was traveling on the highway. The state trooper was going west at 75 mph. Which of the following best describes the state trooper's motion?</p> <p>a. acceleration</p> <p>b. force</p> <p>c. momentum</p> <p>d. velocity</p>	<p>A cook is having a hard time opening a jar, so the cook held the jar lid under water for a short period of time. Which best explains the water temperature the cook should use and why this would help?</p> <p>a. Hot water warms the lid and causes it to contract, making it easier to open.</p> <p>b. Hot water warms the lid and causes it to expand, making it easier to open.</p> <p>c. Cold water cools the lid and causes it to contract, making it easier to open.</p> <p>d. Cold water cools the lid and causes it to expand, making it easier to open.</p>	<p>A ball is kicked and rolls for a long distance across a field. Which eventually causes the ball to slow and stop?</p> <p>a. friction</p> <p>b. gravity</p> <p>c. magnetism</p> <p>d. position</p>	<p>How are evaporation and condensation similar?</p> <p>a. Both cause a decrease in air temperature.</p> <p>b. Both cause an increase in air temperature.</p> <p>c. Both are caused by warming of the atmosphere.</p> <p>d. Both are caused by changes (<i>gaining or losing</i>) in heat energy.</p>
2	<p>What change occurs to liquid water at 0°C?</p> <p>a. It reaches its boiling point and becomes a gas.</p> <p>b. It reaches its boiling point and becomes a solid.</p> <p>c. It reaches its freezing point and becomes a gas.</p> <p>d. It reaches its freezing point and becomes a solid.</p>	<p>Which correctly compares low- and high-pressure weather systems?</p> <p>a. A low-pressure system usually brings cool dry air and clear skies, while a high-pressure system brings clouds and precipitation.</p> <p>b. A low-pressure system usually brings clouds and precipitation, while a high-pressure system brings cool dry air and clear skies.</p> <p>c. A low-pressure system usually brings warm dry air and clear skies, while a high-pressure system usually brings warm moist air and precipitation.</p> <p>d. A low-pressure system usually brings cool dry air and clear skies, while a high-pressure system brings warm moist air and precipitation.</p>	<p>Which statement best describes temperature patterns in areas in the mid latitudes?</p> <p>a. Temperatures in the mid latitudes vary with the seasons.</p> <p>b. Temperatures in the mid latitudes are consistently warm all year long.</p> <p>c. Temperatures in the mid latitudes are consistently cool all year long.</p> <p>d. Temperatures in the mid latitudes vary.</p>	<p>Which of the following is true about sea breezes?</p> <p>a. They form when both the land and the ocean have cooler temperatures.</p> <p>b. They form when both the land and the ocean have warmer temperatures.</p> <p>c. They form because the land warms up more quickly than the cooler ocean waters and air over the land begins to rise.</p> <p>d. They form because the ocean warms up more quickly than the cooler land masses and air over the oceans begins to rise.</p>

Name: _____

<p>3</p>	<p>A meteorologist noticed an increase of wind speed caused by temperature changes in an upcoming weather pattern. Which best describes why this is happening?</p> <p>a. The greater the temperature difference between the air masses, the slower the wind blows in the jet stream.</p> <p>b. The greater the temperature difference between the air masses, the faster the wind blows in the jet stream.</p> <p>c. The lesser the temperature difference between the air masses, the faster the wind blows in the jet stream.</p> <p>d. Temperature differences cause no change to winds in the jet stream.</p>	<p>A teacher had a tall stack of books in their car. At a stop sign, the teacher turned the steering wheel quickly to the right. What most likely happened to the stack of books?</p> <p>a. It followed the same directional path that the car turned (right) and the stack stayed upright.</p> <p>b. It followed the same directional path that the car turned (right) and the stack fell forward.</p> <p>c. The stack fell backward because the directional force of the car and the directional force of the books were opposite.</p> <p>d. The stack of the books fell over because the directional path of the books was going straight and when the car turned (right), the books wanted to continue going straight.</p>	<p>Which best explains why boiling water is an example of a physical change?</p> <p>a. The water changes from a gas to a liquid.</p> <p>b. Heat is added, causing evaporation.</p> <p>c. Heating the water causes solids to form.</p> <p>d. The water changes from a liquid to a gas.</p>	<p>Which best describes how heat is transferred?</p> <p>a. Heat only flows within individual substances.</p> <p>b. Heat flows from a warmer substance to a cooler substance.</p> <p>c. Heat flows from a cooler substance to a warmer substance.</p> <p>d. Heat flows in many different directions between substances.</p>
<p>Number Correct (Out of 3)</p>	<p>_____/3</p>	<p>_____/3</p>	<p>_____/3</p>	<p>_____/3</p>