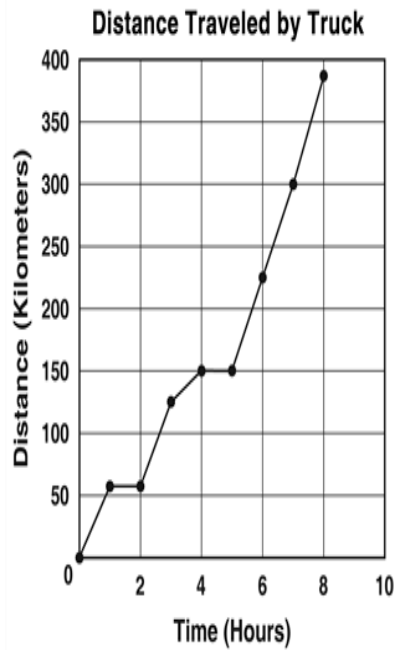


Name: \_\_\_\_\_

| Question | Monday (3.11.2019)  | Tuesday (3.12.2019)   | Wednesday (3.13.2019)   | Thursday (3.14.2019)   |
|----------|---|---|---|--|
| 1        | <p>The average temperatures rise in an area, making a lake get warmer and warmer. This makes it impossible for plankton to survive in the lake. Which is the <b>most likely</b> result ?</p> <p>a. The organisms that eat plankton will begin finding different food sources.</p> <p>b. The plankton will quickly adapt and be able to survive in the warmer water.</p> <p>c. The plankton will die, but the other organisms in the ecosystem will be unaffected.</p> <p>d. The food web within the lake will change, and other organisms may begin to die.</p> | <p>In what way do bushes <b>benefit</b> from bears eating their berries?</p> <p>a. Their seeds are spread around to reproduce.</p> <p>b. Other predators are scared away.</p> <p>c. Bears give them the sugars they need for photosynthesis.</p> <p>d. Their stems and branches are broken.</p> | <p>Which <b>best</b> describes the role of a first-level consumer in an ecosystem?</p> <p>a. Consumers that eat decomposers and pass the energy along in an ecosystem.</p> <p>b. Consumers that eat scavengers and pass the energy along in an ecosystem.</p> <p>c. Consumers that eat producers and pass the energy along in an ecosystem.</p> <p>d. Consumers that eat other consumers and pass the energy along in an ecosystem.</p>   | <p>Which <b>best</b> describes how decomposers help support life in an ecosystem?</p> <p>a. Decomposers provide a habitat in the ecosystem.</p> <p>b. Decomposers add producers to the ecosystem.</p> <p>c. Decomposers provide energy for consumers.</p> <p>d. Decomposers add nutrients to the soil.</p> |
| 2        | <p>A group on a safari observes lions interacting with each other. The next day, the group observes how giraffes interact with each other. On the third day, the group takes pictures of antelopes in their natural habitats. What are they studying?</p> <p>a. different habitats</p> <p>b. different ecosystems</p> <p>c. different populations</p> <p>d. different communities</p>   | <p>Meadow voles are small mouse-like animals that eat plants and insects. Their niche in an ecosystem is a:</p> <p>a. herbivore</p> <p>b. omnivore</p> <p>c. producer</p> <p>d. scavenger</p>   | <p>Compared to the large number of plant species found in a forest ecosystem, which <b>best</b> explains why a desert ecosystem is unable to support a greater variety of plants?</p> <p>a. A desert ecosystem is located too high above sea level for most plants to grow.</p> <p>b. There are fewer animals in a desert, which decreases the need for large varieties of plants.</p> <p>c. There is not enough space available in a desert ecosystem for some plant varieties to grow.</p> <p>d. Most plants that live in a desert ecosystem must be able to conserve water for long periods of time.</p> | <p>A teacher mixed 30 g of hot chocolate mix with 200 g of hot milk. She then added 5 marshmallows with a mass of 8 g each. Which <b>best</b> describes the mass of her hot chocolate?</p> <p>a. 230 g</p> <p>b. 235 g</p> <p>c. 238 g</p> <p>d. 270 g</p>   |

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

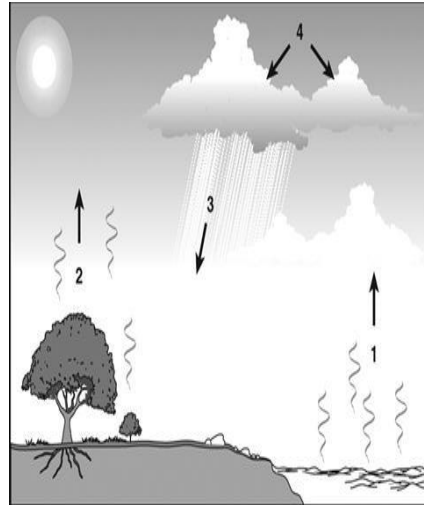
3



How far did the truck travel from hour 4 to hour 5 of its delivery schedule?

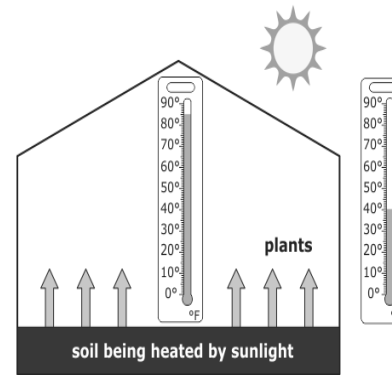
- a. 0 km
- b. 50 km
- c. 100 km
- d. 150 km

Use the diagram of the water cycle to answer the question that follows.



In the diagram, condensation is represented by which numbered area?

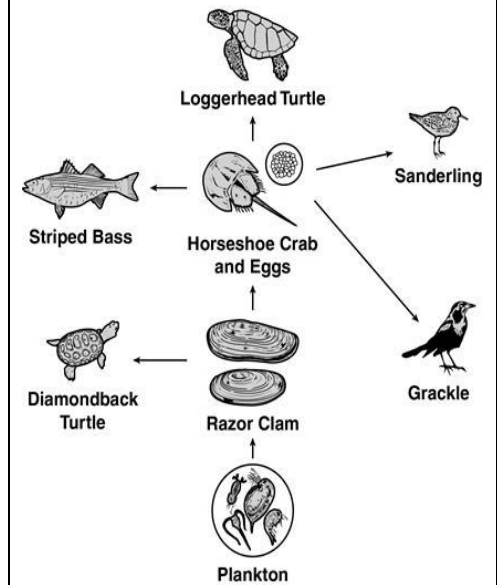
- a. 1
- b. 2
- c. 3
- d. 4



Which **best** explains why the temperature inside the greenhouse is higher than the temperature outside the greenhouse?

- a. The sun's rays radiate heat into the greenhouse, and then the warmed air is convected inside the greenhouse.
- b. The sun's rays conduct heat into the greenhouse, and then the warmed air is radiated inside the greenhouse.
- c. The warm air outside passes into the greenhouse by convection, and then the warm air is conducted inside the greenhouse.
- d. The cool air outside passes into the greenhouse by radiation, and then the cool air is conducted inside the greenhouse.

Marine Food Web



Changing ocean temperatures have led to a large decrease in the number of horseshoe crabs. Which population will **most likely** increase as a result?

- a. grackle
- b. plankton
- c. loggerhead turtle
- d. razor clam

Number Correct (Out of 3)

\_\_\_\_\_/3

\_\_\_\_\_/3

\_\_\_\_\_/3

\_\_\_\_\_/3