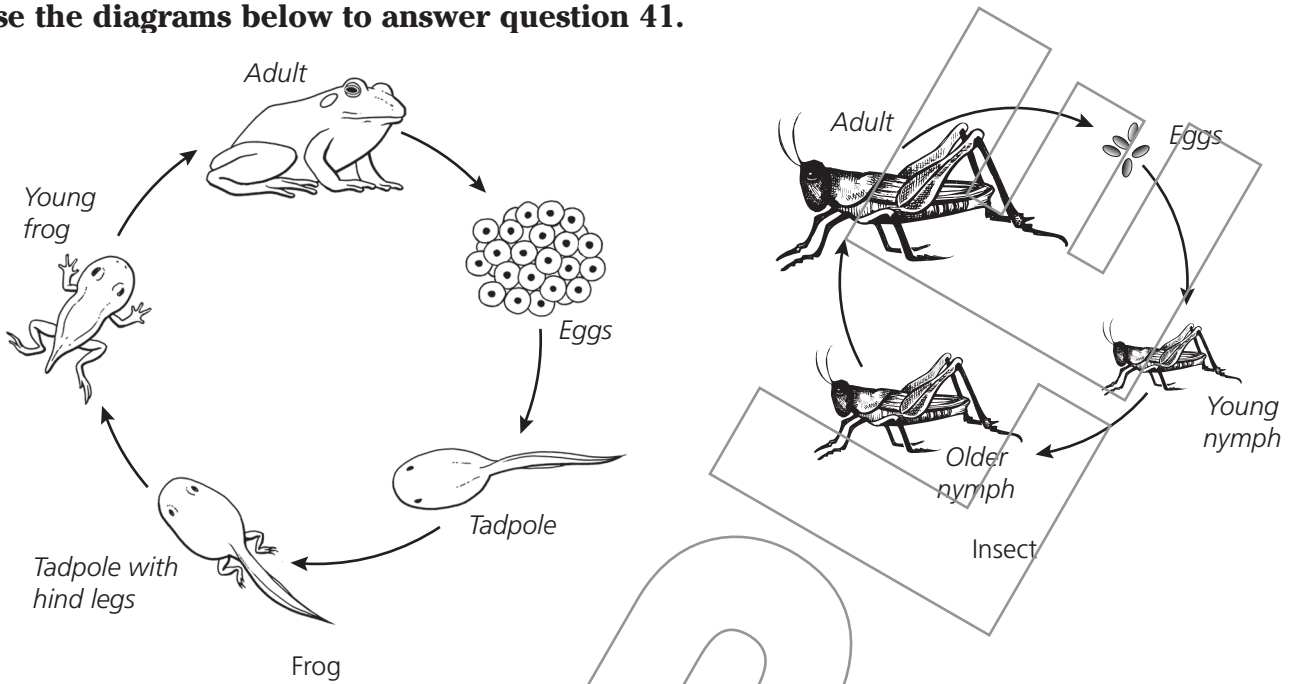


This is a short open-ended (SOE) question. It is worth two points.

Use the diagrams below to answer question 41.



41 The diagrams show the life cycles of a frog and an insect.

**Part A:** Describe one way the life cycles of the animals are similar.

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**Part B:** Describe one way the life cycles of the animals are different.

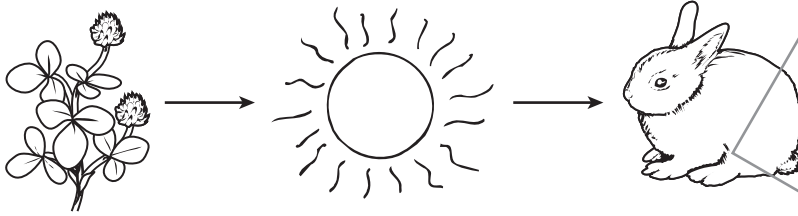
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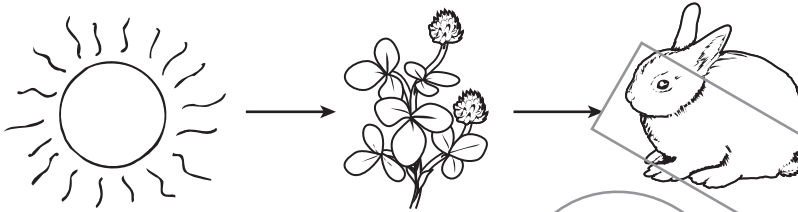
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42 Which pictures **best** show the correct flow of energy through a system?

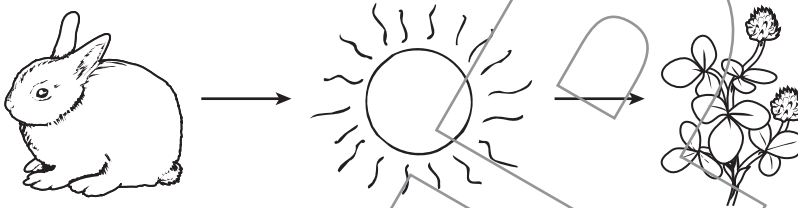
A



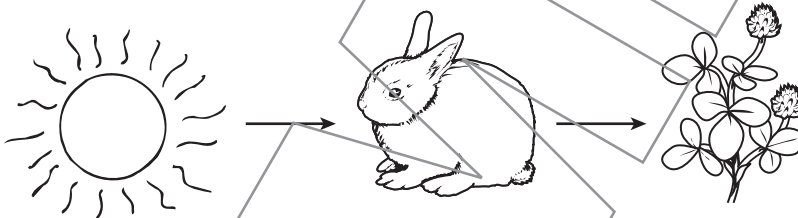
B



C



D



43 Glaciers are huge sheets of ice that cover parts of Earth's surface. Glaciers may get smaller over time by melting. Which statement **best** describes what happens to a glacier when it melts?

- A Some water in the glacier changes from gas to liquid.
- B Some water in the glacier changes from solid to gas.
- C Some water in the glacier changes from solid to liquid.
- D Some water in the glacier changes from gas to solid.

44 A child's mother has brown eyes, curly hair, and plays the piano. The child's father has blue eyes, straight hair, and likes to read. Which characteristic could the child have inherited from his parents?

- A strong reading skills
- B brown eyes
- C short haircut
- D ability to play the piano

45 Which picture **best** shows a parallel circuit with two lightbulbs that will light up?

