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STAAR Test Maker

By **Progress Testing**

About the Sample Test

- All items written to assess mastery of STAAR-eligible TEKS
- Items coded with TEKS, Readiness and Supporting Standards, Process Skill, Webb Cognitive Complexity Levels
- All STAAR Item Types included: Multiple Choice, Gridded Response, Constructed Response, and Thousands of High Complexity Items
- Items formatted to match official STAAR tests



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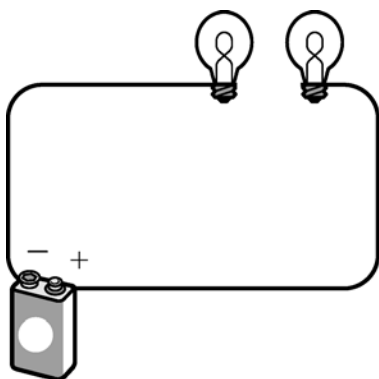
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Grade 5 Science Test Made with STAAR Test Maker 800-930-TEST

- 1 Dry ice is solid carbon dioxide. What will dry ice become when it is heated?

A Nitrogen gas
B Liquid carbon dioxide
C Carbon dioxide gas
D Water vapor

- 2 Look at the circuit below.



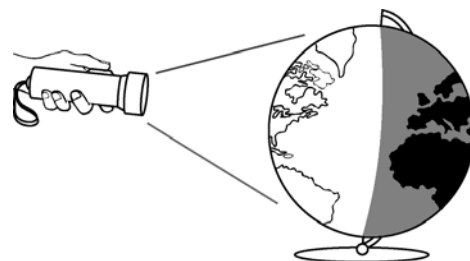
What will most likely happen in this circuit?

- F Both lightbulbs will light up because both are connected to the battery.
G The lightbulb on the left will light up because it is connected to the negative terminal of the battery.
H Neither of the lightbulbs will light up because the circuit is incomplete.
J The lightbulb on the right will light up because it is connected to the positive terminal of the battery.

- 3 Fossil fuels such as oil can be found in ancient ocean or sea beds where pressure and bacteria have —

A melted plant and animal remains into magma.
B hardened plant and animal remains into rocks.
C transformed plant and animal remains into liquids.
D burned plant and animal remains into ashes.

- 4 Ms. Garcia shines a flashlight on a globe as the globe is spinning on its axis.



Which of these best describes what Ms. Garcia's model demonstrates?

- F The phases of the moon are caused by Earth's orbit around the moon.
G The seasons are caused by the tilt of Earth's axis.
H Day and night are caused by the rotation of Earth on its axis.
J The length of the year is caused by Earth's orbit around the sun.

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- 5 Many scientists are working to develop automobiles that run on fuel sources other than gasoline. Why is it important to develop automobiles that can be powered by alternative fuel sources?
- A Gasoline is too expensive to run automobiles.
 - B Gasoline is a nonrenewable resource and will run out eventually.
 - C Gasoline power is far less efficient than solar power.
 - D Gasoline cannot be shipped from place to place because it is flammable.
- 6 Pillbug larvae eat the same food as adult Pillbugs. Luna Moth larvae eat tree leaves while adult Luna Moths drink nectar from flowers. How are Luna Moth larvae different from Pillbug larvae?
- F Luna Moth larvae do not eat as much food as adult Luna Moths, and Pillbug larvae eat more food than adult Pillbugs.
 - G Luna Moth larvae are decomposers, and Pillbug larvae are herbivores.
 - H Luna Moth larvae eat leaves outside a cocoon, and Pillbug larvae eat leaves inside a cocoon.
 - J Luna Moth larvae have different mouth parts than adult Luna Moths, and Pillbug larvae have the same mouth parts as Pillbug adults.
- 7 Earthquakes have the potential to raise and lower land levels. When an earthquake changes elevations in a large river, it can rapidly change Earth's surface by causing —
- A craters to form.
 - B icebergs to form.
 - C waterfalls to form.
 - D geysers to form.
- 8 Most precipitation and evaporation on Earth occurs —
- F within Earth's inner core.
 - G over Earth's oceans.
 - H within Earth's upper atmosphere.
 - J over Earth's land masses.
- 9 In a tropical rainforest, energy from the sun would first flow to —
- A a consumer such as a rat, then to a consumer such as a jaguar.
 - B a producer such as an orchid, then to a consumer such as an ant.
 - C a decomposer such as an earthworm, then to a producer such as a vine.
 - D a consumer such as an anteater, then to a decomposer such as a fungus.



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| Item Number | Reporting Category | Readiness or Supporting | Content Student Expectation | Process Student Expectation | Correct Answer |
|-------------|--------------------|-------------------------|-----------------------------|-----------------------------|----------------|
| 1 | 1 | Supporting | 3.5 (C) | | C |
| 2 | 2 | Readiness | 5.6 (B) | 5.2 (D) | H |
| 3 | 3 | Readiness | 5.7 (A) | | C |
| 4 | 3 | Readiness | 5.8 (C) | 5.3 (C) | H |
| 5 | 3 | Supporting | 4.7 (C) | 5.1 (B) | B |
| 6 | 4 | Supporting | 5.10 (C) | | J |
| 7 | 3 | Supporting | 3.7 (B) | | C |
| 8 | 3 | Supporting | 4.8 (B) | | G |
| 9 | 4 | Readiness | 5.9 (B) | | B |

STAAR Test Maker

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(Third-Year banks released Spring 2013).



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