

Georgia
CRCT
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4th Grade Science Quiz

Fourth Grade Science
Quiz

Practice Test

Name: _____

Date: _____

Instructions:

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1. The letter H is the weather symbol for

- A. hail storms.
 - B. humidity.
 - C. hurricane.
 - D. high pressure.
-

2. Which is an insulator?

- A. copper coin
 - B. aluminum ladder
 - C. glass
 - D. water
-

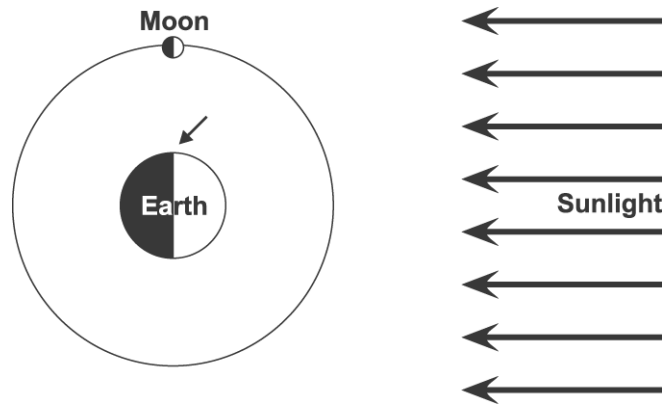
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Use the diagram below to answer question 3.



3. If you are standing on Earth where the small arrow is pointing, which picture shows what the Moon would look like?

- A.
- B.
- C.
- D.

4. What will MOST LIKELY happen if runoff water from a farm goes into a pond ecosystem over a long period of time?

- A. Some organisms in the pond food web will disappear.
 - B. The fertilizer will cause most organisms in the pond to grow better.
 - C. The pond ecosystem will have many additional organisms.
 - D. The pond will become bigger and provide more water for the farmer.
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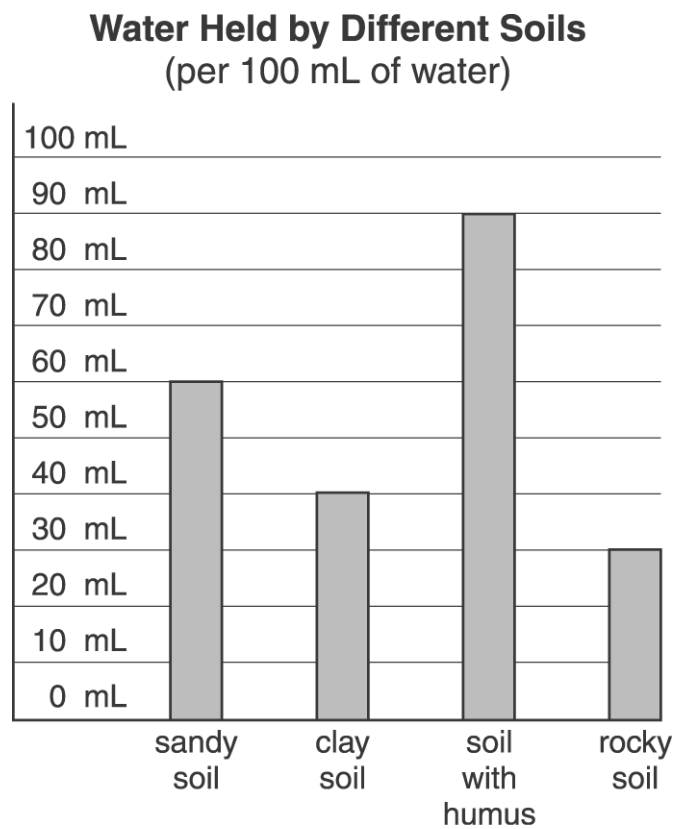
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5. Twenty-four hours is the time it takes for one rotation of
- A. the Sun on its axis.
 - B. Earth on its axis.
 - C. the Moon on its axis.
 - D. the solar system.
-

Use the bar graph below to answer question 6.



6. Amy needs potting soil that will stay moist. Which type of soil will work the best?
- A. sandy soil
 - B. clay soil
 - C. soil with humus
 - D. rocky soil
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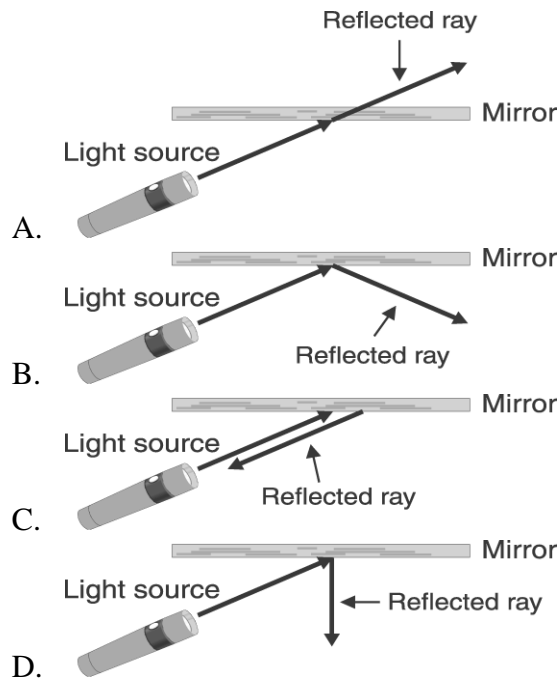
7. Which of the following would be impossible without electricity?

- A. baking bread
 - B. drying wet clothes
 - C. keeping food cold
 - D. watching television
-

8. A temperate climate is characterized by temperatures that are

- A. very high most of the time.
 - B. constantly changing.
 - C. very low most of the time.
 - D. not very high or very low.
-

9. Which picture shows the correct reflected light ray?



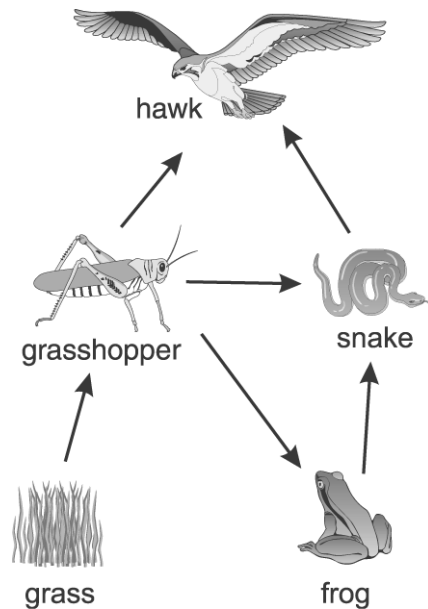
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Use the diagram of a food web below to answer question 10.



10. Grasshoppers are eating a farmer's crop. According to the food web, which might happen if the field was sprayed to kill the grasshoppers?

- A. There would be more food for frogs.
 - B. There would be more snakes.
 - C. There would be fewer crops.
 - D. There would be less food for hawks.
-

11. Jane and Fred are taking turns swimming the length of a pool. Mary wants to find out who is the faster swimmer. Which measuring instrument should Mary use?

- A. an hourglass
 - B. a metronome
 - C. a wall clock
 - D. a stopwatch
-

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12. A doctor kept records of the breathing rates of people when they were resting. He made the chart below.

Breathing Rates

People	Breaths in a Minute
Baby boys	38
7-year-old girls	25
7-year-old boys	25
10-year-old boys	20
Mothers	16

This chart suggests that

- A. boys breathe faster than girls.
 - B. girls breathe faster than boys.
 - C. older people breathe faster than younger people.
 - D. younger people breathe faster than older people.
-

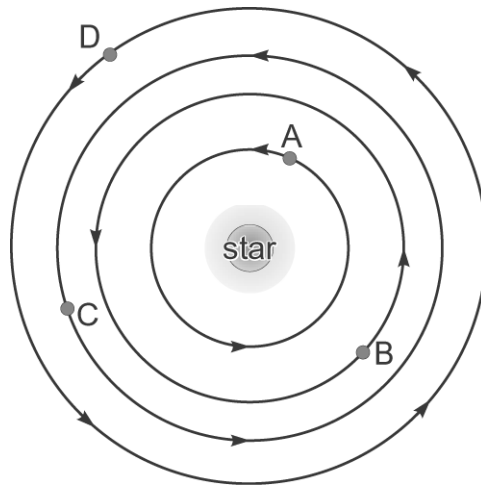
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Use the diagram below to answer question 13.



13. Planets A, B, C, and D are orbiting the star. Which planet takes the longest to complete its orbit?

- A. A
 - B. B
 - C. C
 - D. D
-

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14. Of these rain forest organisms, which one is a consumer?



A. owl butterfly



B. a flower



C. vines and leaves



D. a type of fruit

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15. A producer is a living thing that makes its own food from sunlight. Which of the following is a producer?

- A. human
 - B. bee
 - C. cow
 - D. corn plant
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