

Georgia
CRCT
online



5th Science Quiz B

Fifth Grade Science
Quiz

Practice Test

Name: _____

Date: _____

Instructions:

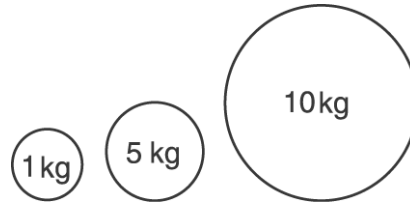
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Use the diagram below to answer question 1.



1. If all three balls are dropped from the same height at exactly the same time, what will happen?
 - A. The 1-kilogram ball will hit the ground first.
 - B. The 5-kilogram ball will hit the ground first.
 - C. The 10-kilogram ball will hit the ground first.
 - D. All three balls will hit the ground at the same time.
-
2. Which is NOT a characteristic of organisms in the animal kingdom?
 - A. They use sunlight to produce their own food.
 - B. They are made up of many different cells.
 - C. They have the ability to move.
 - D. They have cell membranes.
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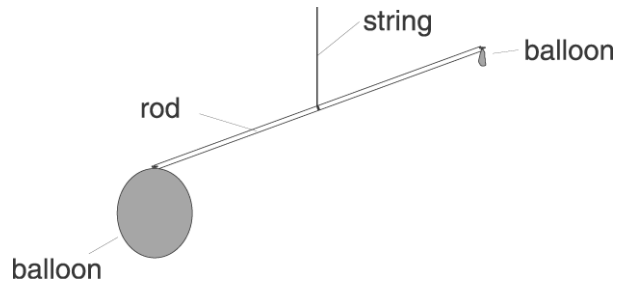
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Use the picture below to answer question 3.



3. A string is tied around the middle of a wooden rod. A balloon filled with air is hung on one end of the rod and an empty balloon is hung on the other end. The filled balloon hangs lower than the empty balloon. Which property of air does this arrangement show?

- A. Air has pressure.
 - B. Air has mass.
 - C. Air has movement.
 - D. Air has temperature.
-

4. Which is an example of erosion?

- A. muddy water flowing after a heavy rain
 - B. a large boulder splitting
 - C. lava flowing down a volcano
 - D. rock breaking down from acid rain
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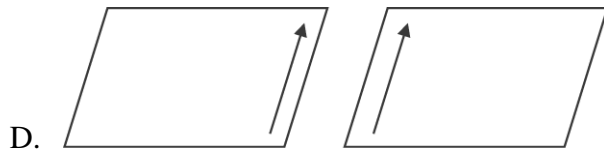
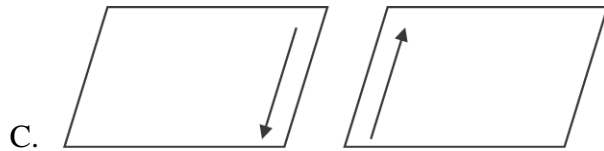
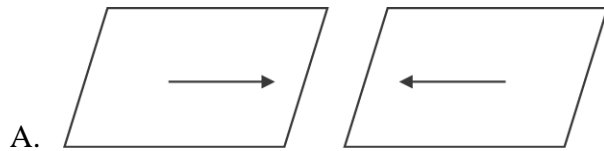
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5. Which tectonic plate movement could produce mountains?



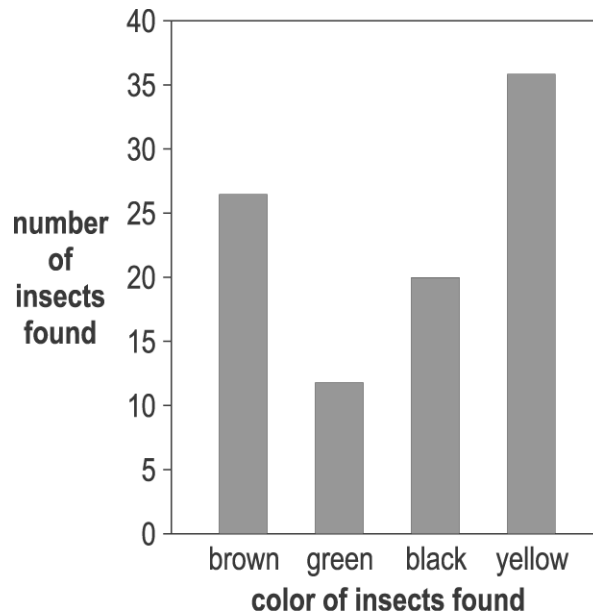
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Use the graph below to answer question 6.



6. Nina's class counted the number of insects they found in a grassy field near their school. They sorted their data by color and graphed it. The graph shows the results of their investigation. Which is the BEST inference Nina can make from the graph?
- A. Most insects in the field are yellow.
 - B. Brown insects are harder to find.
 - C. Twenty black insects were found.
 - D. The red insects were hiding.
-
7. Mosquitoes hatch from eggs laid in water. They spend their first stage of life as larvae in the water. When they become adults, they are flying, winged insects. This is an example of
- A. mutation.
 - B. evolution.
 - C. metamorphosis.
 - D. parasitism.
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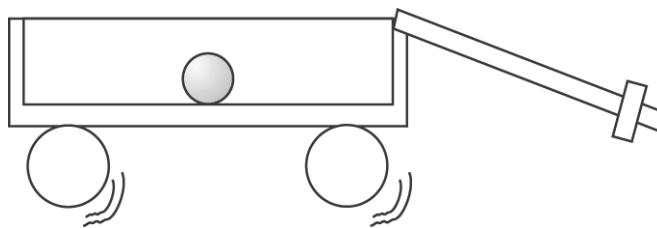
8. What causes an object to fall toward Earth when it is dropped?

- A. gravity
 - B. mass
 - C. inertia
 - D. density
-

9. Which of these actions should come LAST in a scientific investigation?

- A. testing a hypothesis
 - B. making an observation
 - C. setting up a control
 - D. stating a conclusion
-

Use the picture below to answer question 10.



10. When you suddenly stop the wagon from moving forward, the ball will

- A. hit the front wall.
 - B. hit the back wall.
 - C. fly up in the air.
 - D. stay where it is.
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11. Waves breaking on a beach will change it over time. If sediments are moved into the ocean by wave action,
- A. the beach area will decrease.
 - B. the beach area will increase.
 - C. the beach area will become more level.
 - D. the particles on the beach will become smaller.
-

Use the table below to answer question 12.

Time of Day	Grams of Water Lost
7–8 A.M.	180
9–10 A.M.	206
11–Noon	222
1–2 P.M.	233
3–4 P.M.	225
5–6 P.M.	210
7–8 P.M.	192
9–10 P.M.	98
11–Midnight	88

12. Jane measured how much water a plant lost from 7:00 in the morning until midnight. The table shows how much water the plant lost during the different hours. What can you infer from the table?
- A. Plants lose more water during daylight hours.
 - B. Plants do not lose water after midnight.
 - C. Plants lose more water in the morning than in the afternoon.
 - D. Plants lose the most water from 11:00 a.m. to noon.
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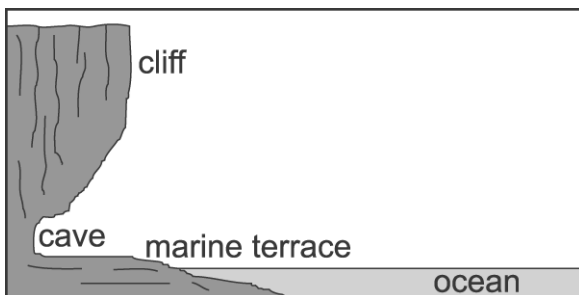
13. Which animal embryo grows inside a shell?

- A. whale
 - B. rabbit
 - C. mouse
 - D. bird
-

14. Which characteristic is NOT an example of protective adaptation?

- A. presence of an exoskeleton in a lobster
 - B. camouflage of the walkingstick insect
 - C. presence of long running legs in the ostrich
 - D. well-developed circulatory system of a sparrow
-

15. What caused the cave below to form?



- A. the action of waves
 - B. the ocean current
 - C. rising and falling tides
 - D. seismic sea waves
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