

Georgia
CRCT
online



4th Science Quiz B

Fourth Grade Science
Quiz

Practice Test

Name: _____

Date: _____

Instructions:

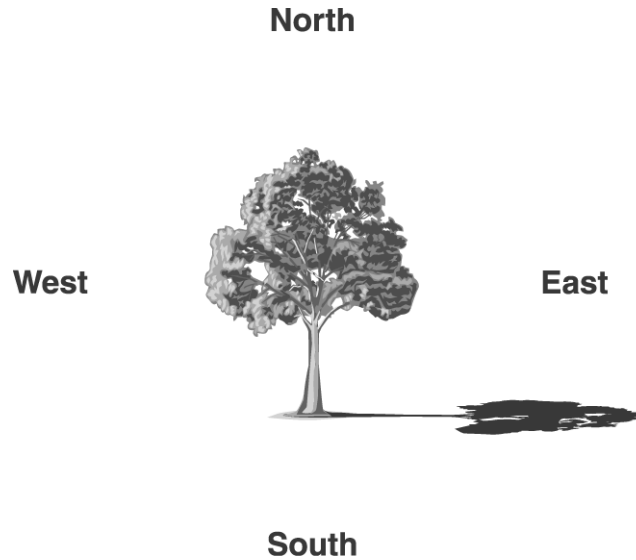
Name: _____

Quiz: 4th Science Quiz B

Date: _____

Teacher: Practice Test

Use the picture below to answer question 1.



1. About what time of day does it appear to be?

- A. noon
 - B. early morning
 - C. late afternoon
 - D. mid-morning
-

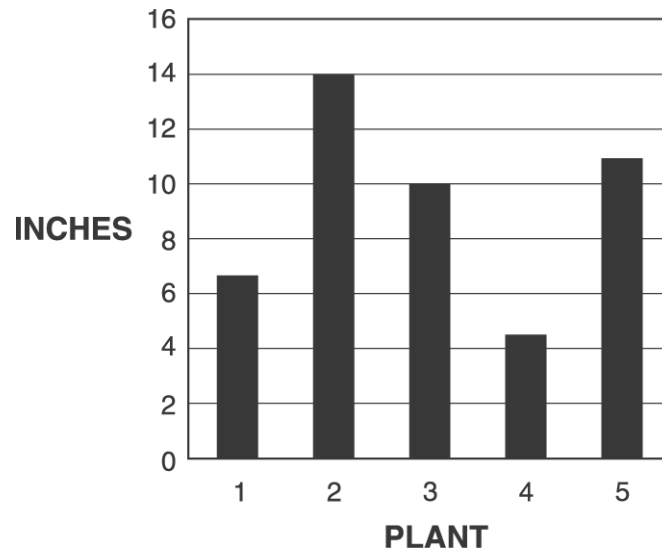
Name: _____

Quiz: 4th Science Quiz B

Date: _____

Teacher: Practice Test

Use the bar graph below to answer question 2.



2. Which two plants grew to almost the same height?

- A. Plants 1 and 4
 - B. Plants 2 and 3
 - C. Plants 2 and 5
 - D. Plants 3 and 5
-

3. Some factories release pollutants that form acid rain into the air. What determines where the acid rain is MOST LIKELY to fall?

- A. ocean currents
 - B. wind direction
 - C. air temperature
 - D. relative humidity
-

Name: _____

Quiz: 4th Science Quiz B

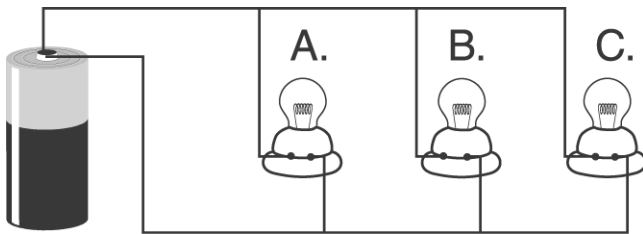
Date: _____

Teacher: Practice Test

4. An advantage of an electromagnet compared to a permanent magnet is that it is

- A. less complex.
 - B. smaller.
 - C. easily turned off.
 - D. safer.
-

5. In the electric circuit shown below, which lightbulb or lightbulbs, if any, would be lit?



- A. All would be lit.
 - B. None would be lit.
 - C. A would be lit.
 - D. B and C would be lit.
-

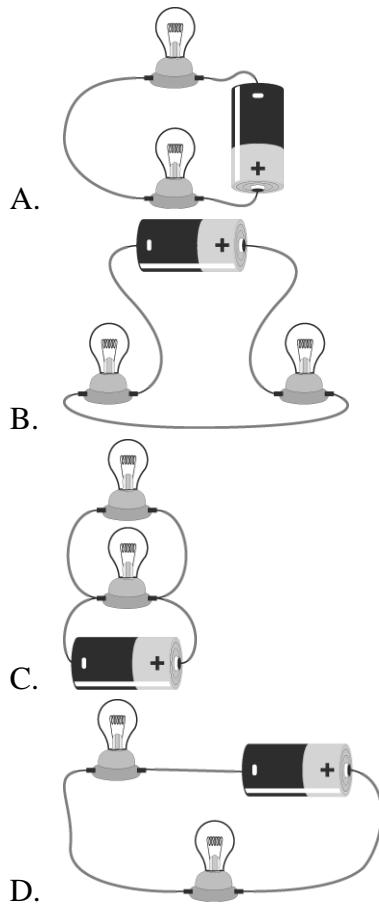
Name: _____

Quiz: 4th Science Quiz B

Date: _____

Teacher: Practice Test

6. Which diagram is a parallel circuit?



7. A dish of sugar water was left on a window sill. One week later, there were only sugar crystals left in the dish. The water was gone. The best explanation for the appearance of sugar crystals is

- A. some of the water was absorbed by the dish.
 - B. the air condensed.
 - C. the water evaporated.
 - D. the light shining on the window sill produced more sugar.
-

Name: _____

Quiz: 4th Science Quiz B

Date: _____

Teacher: Practice Test

8. A baby hitting a pot with a spoon can hit the pot more gently and change the sound's

- A. pitch.
 - B. frequency.
 - C. tone.
 - D. intensity.
-

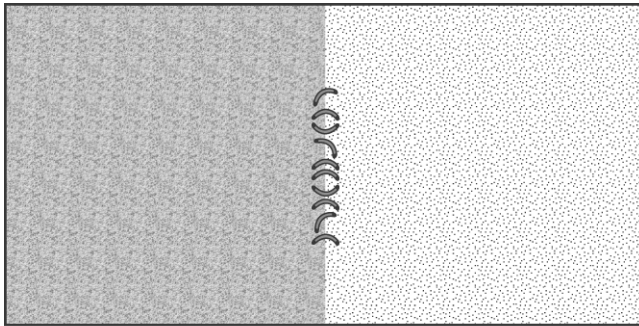
Name: _____

Quiz: 4th Science Quiz B

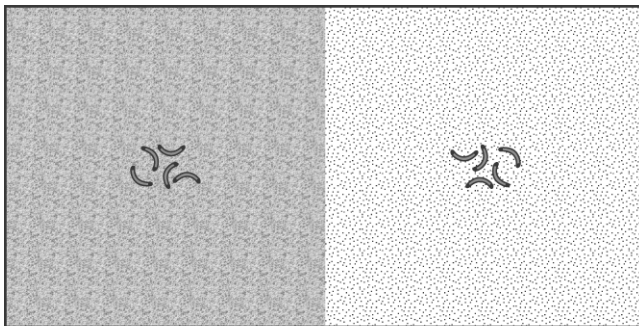
Date: _____

Teacher: Practice Test

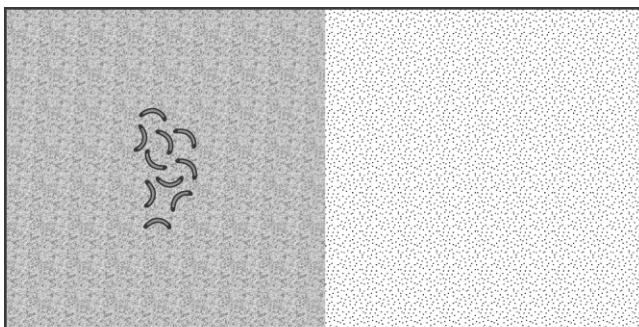
9. Sarah wondered if mealworms preferred to live in oatmeal or sand. She set up a box to investigate her question. On one side of the box she put oatmeal. On the other side of the box she put sand. She then placed mealworms in the box. Which picture shows the best place for Sarah to put the mealworms in order to test her ideas?



A. oatmeal sand



B. oatmeal sand



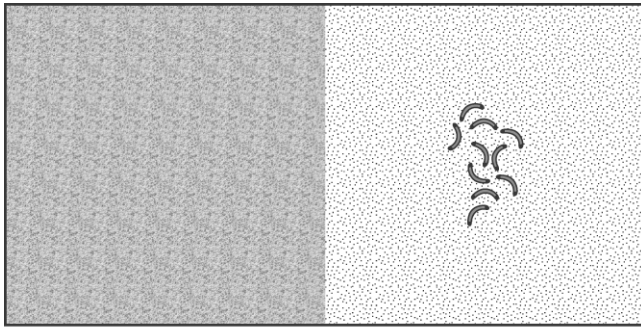
C. oatmeal sand

Name: _____

Quiz: 4th Science Quiz B

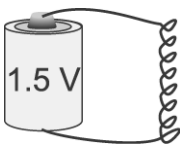
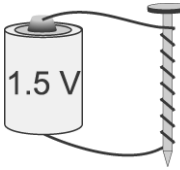
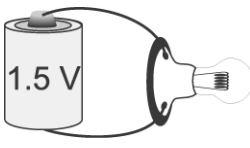
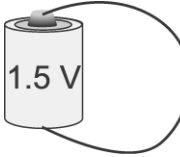
Date: _____

Teacher: Practice Test



D. oatmeal sand

10. Which device makes an electromagnet?

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

Name: _____

Quiz: 4th Science Quiz B

Date: _____

Teacher: Practice Test

Use the list below to answer question 11.

· plastic

· rubber

· glass

· paper

11. Which name applies to these materials because of their electrical properties?

- A. connectors
 - B. regulators
 - C. conductors
 - D. insulators
-

12. Jezreel read that you can make a sound by blowing across the top of a bottle of water. She wants to do an experiment to find out how to make different sounds. She will use the same soda pop bottle in each of her experiments. Which change should she try to make different sounds?

- A. who listens to the sounds
 - B. the amount of water in the bottle
 - C. how she draws the graph
 - D. the time of the experiment
-

13. Terrell is holding a compass and looking at the sunrise. The compass needle is pointing to the

- A. north.
 - B. south.
 - C. east.
 - D. west.
-

Name: _____

Quiz: 4th Science Quiz B

Date: _____

Teacher: Practice Test

14. Which activity may harm the environment?

- A. Composting leaves and lawn clippings.
 - B. Recycling glass, aluminum, and paper products.
 - C. Sweeping a driveway instead of washing it.
 - D. Fertilizing a lawn and garden every week.
-

15. Which of the following is MOST important in performing an experiment?

- A. keeping everything the same except the thing being tested
 - B. taking measurements quickly and accurately
 - C. knowing the answer before you make a hypothesis
 - D. using clean or brand-new equipment
-