Biology Nature and Science Post-Quiz  
  
**Bikini Bottom**Gary is not the smartest snail in Bikini Bottom and believes he can improve his brain power by eating Super Snail Snacks. In order to test this hypothesis, he recruits SpongeBob and several snail friends to help him with the experiment. The snails ate one snack with each meal every day for three weeks. SpongeBob created a test and gave it to the snails before they started eating the snacks as well as after three weeks.

Title

Observation

Question

If…then hypothesis If is related to

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Materials

Experimental Group Control Group

Independent variable:

Dependent variable:

Constants or control variable**s**

Data Table:

Graph (set up x and y)

Metric Madness

1. Circle the quantity in each of the following pairs that is larger.
2. Millimeter, meter d. microsecond, millisecond
3. Centimeter, micrometer e. kilometer, millimeter
4. Kilogram, decigram f. milliliter, liter
5. How many centigrams in a gram?
6. A decimeter is 0.1 m. What are the names of the following quantities
7. 0.01 g c. 1000 millimeters
8. 0.001 m d. 100 centiliters
9. How many meters in a kilometer?
10. Conversions
11. 50 centimeters = meters
12. 5 liters = milliliters
13. 3 grams = kilograms
14. 114 centimeters kilometer
15. What unit would be best when measuring the diameter of a penny?
16. Kilometer b. centimeter c. nanometer d. meter
17. Standards in the Metric System. Circle the answer in each pair that represents the basic/standard unit for the measure.
18. MASS gram/kilogram/centigram/liters
19. Length centimeter/yards/millimeters/meter
20. Volume gallons/liter/microliter/milliliter
21. At the present there are 249 countries in the world. Of that number how many countries **do not** use the metric system?
22. 11 b. 500 c. 3 d. 21
23. Using the metric ruler, measure the following line and the diameter of the circle: (record measure and units)

**. Answer**

C:\Users\cthennis\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\Q5IMVVMR\MM900185586[1].gif ANSWER