

Name:  
Science 7

Date:  
Class Period:

### Test 1 Review Sheet

#### Topics:

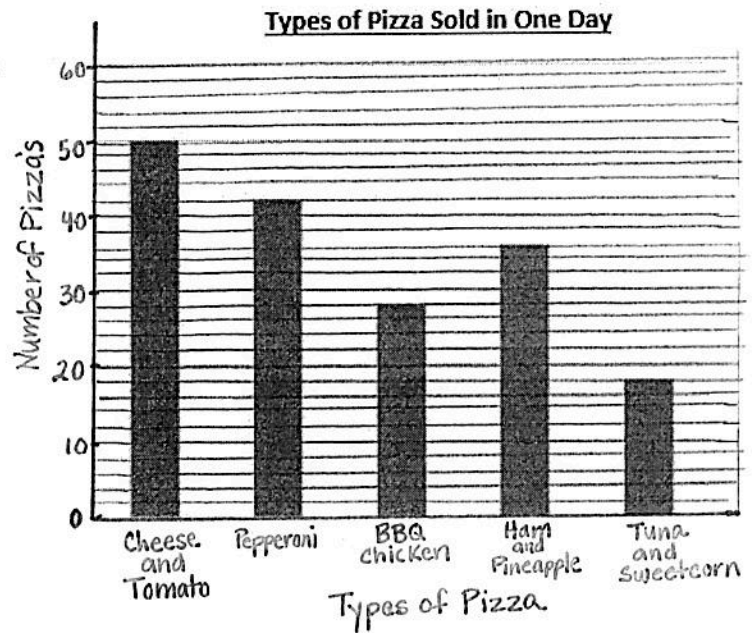
Science Safety  
Scientific Method  
Observations & Inferences  
Parts of an Experiment (variables)  
Graphing

Test Date: \_\_\_\_\_

#### Practice Questions:

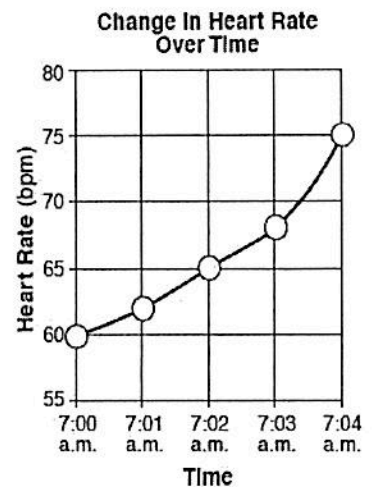
Base your answers to questions 1-4 on the bar graph.

1. Which type of pizza had the least amount of sales? \_\_\_\_\_
2. Which type of pizza had the most amount of sales? \_\_\_\_\_
3. Which type of pizza had 42 sales? \_\_\_\_\_
4. How many Barbecue chicken pizzas were sold? \_\_\_\_\_



Use the line graph to the right to answer questions 5-8

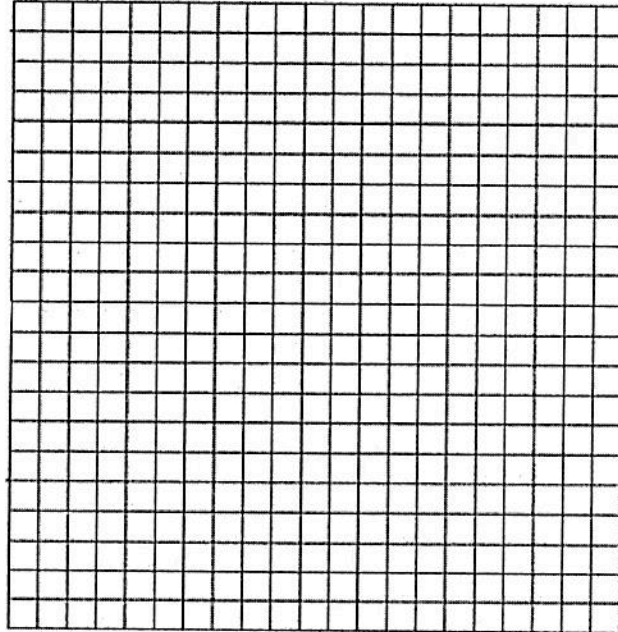
5. What was the heart rate at 7am? \_\_\_\_\_
6. What was the approximate heart rate at 7:03am? \_\_\_\_\_
7. How much lower was the heart rate at 7:02am than at 7:04 am?  
\_\_\_\_\_
8. At what time was the heart rate the highest? \_\_\_\_\_



9. Use the data table below to create a *line* graph. Your graph must include a title and appropriate scale and label for each axis.

**Water Temperatures  
at Various Depths**

Water Depth (meters)	Temperature (°C)
50	18
75	15
100	12
150	5
200	4

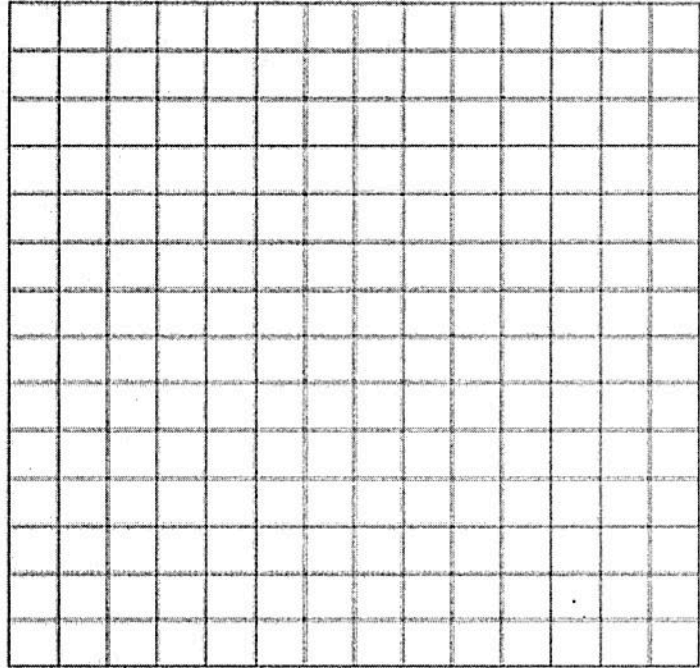


10. Define qualitative observation-
11. Give an example of a qualitative observation-
12. Define quantitative observation-
13. Give an example of a quantitative observation-
14. Define inference-
15. Give an example of an inference-
16. Provide at least 5 general science safety rules-

17. Use the data table to create a bar graph. Your graph must include a title and an appropriate scale and label for each axis.

Favorite Sports of Students

Favorite Sport	# of Students
Swimming	12
Gymnastics	4
Football	8
Basketball	4
Soccer	16
Baseball	6



18. A student designs an experiment to test which brand of sunblock is most effective at preventing a sunburn.

Identify the independent variable: \_\_\_\_\_

Identify the dependent variable: \_\_\_\_\_

Identify at least 2 constants: \_\_\_\_\_

Identify the control group: \_\_\_\_\_

Identify the experimental group: \_\_\_\_\_

19. What are the steps of the scientific method? **Briefly** describe each one. *Make sure it is in the correct order!!!*

