

Name:
Science 7

Date:
Class Period:

Test 1 Review Sheet

Topics:

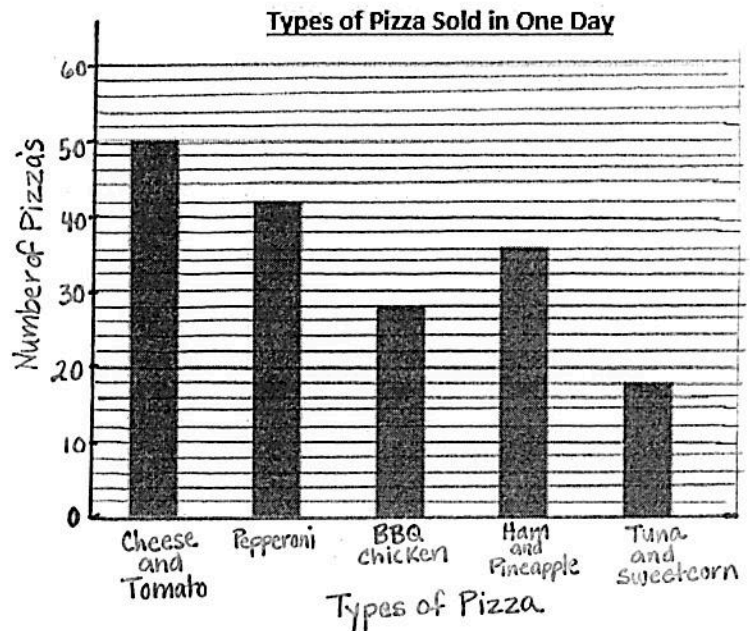
Science Safety
Scientific Method
Observations & Inferences
Parts of an Experiment (variables)
Graphing

Test Date: _____

Practice Questions:

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

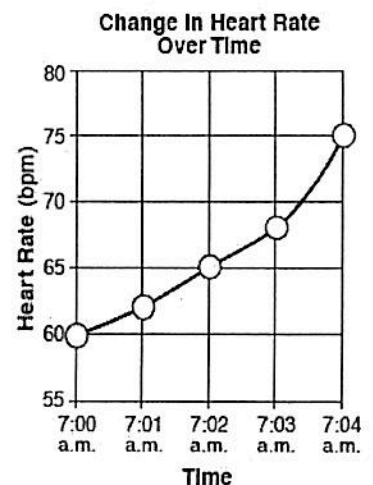
1. Which type of pizza had the least amount of sales? _____
2. Which type of pizza had the most amount of sales? _____
3. Which type of pizza had 42 sales? _____
4. How many Barbecue chicken pizzas were sold? _____



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?

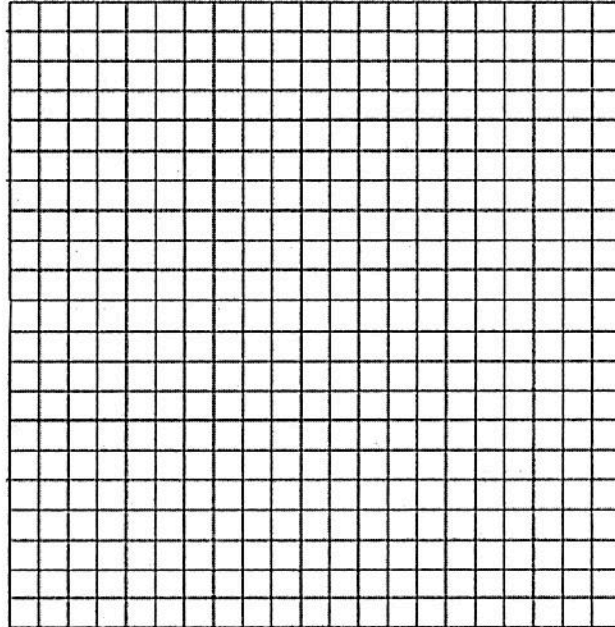
8. At what time was the heart rate the highest? _____



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**

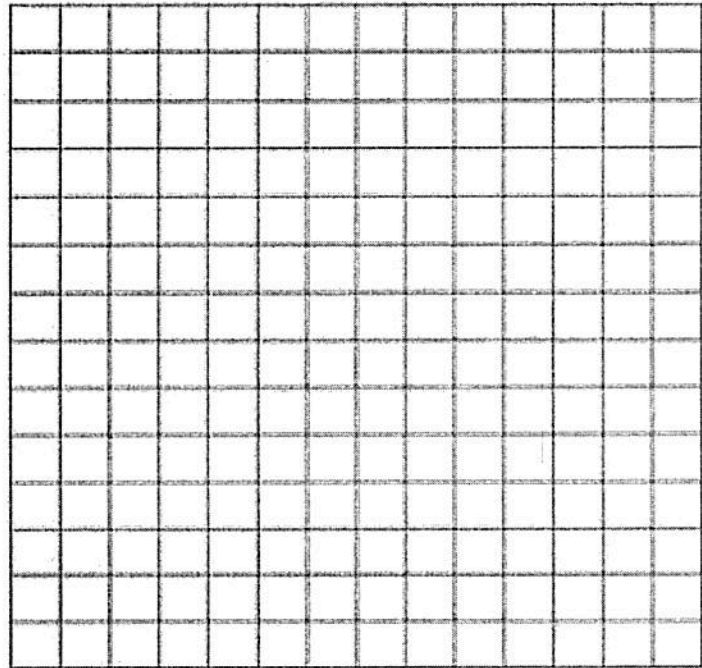
Water Depth (meters)	Temperature (°C)
50	18
75	15
100	12
150	5
200	4



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	
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!!!*

