

Scientific Method Report Practice

Name _____
Date _____
Period _____

Sponge Bob and his Bikini Bottom pals have been busy doing a little research. Complete the Scientific Method lab report below for Krusty Krab's experiment.

Krusty Krabs Breath Mints

Mr. Krabs created a secret ingredient for a breath mint that he thinks will "cure" the bad breath people get from eating crabby patties at the Krusty Krab Restaurant. He asked 100 customers with a history of bad breath to try his new breath mint. He had fifty customers (Group A) eat a Special Ingredient breath mint after they finished eating a crabby patty. The other fifty (Group B) received a Tic Tac breath mint after they finished the crabby patty. Both groups were told that they were getting the breath mint that would cure their bad breath. Two hours after eating the crabby patties, 38 customers in Group A and 10 customers in Group B reported having better breath than they normally had after eating crabby patties.



Problem: _____

Hypothesis: _____

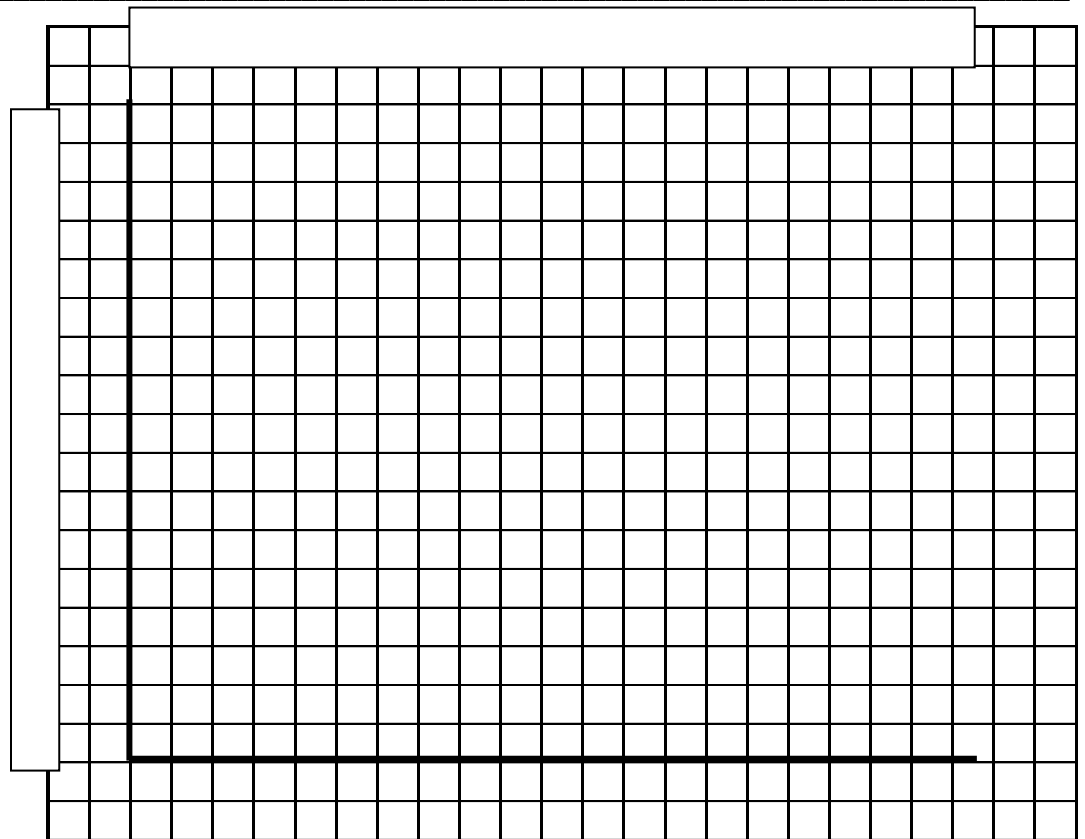
Variable: _____

Controls: _____

Data and graph:

Complete a data table for Krusty's Data

	Group A	Group B
People with better breath		



Conclusion: _____

SpongeBob Clean Pants

SpongeBob noticed that two of his favorite pants had numerous dirt spots on them. His friend Sandy told him that he should try using Clean-O detergent, a new laundry soap she found at Sail-Mart. SpongeBob made sure to wash one pair of pants in his old detergent and another pair with the Clean-O detergent. After washing both pairs of pants a total of three times, the pants washed in the old detergent had removed 4 of the dirt spots completely, but Clean-O detergent had removed 13 of the dirt spots.



Problem: _____

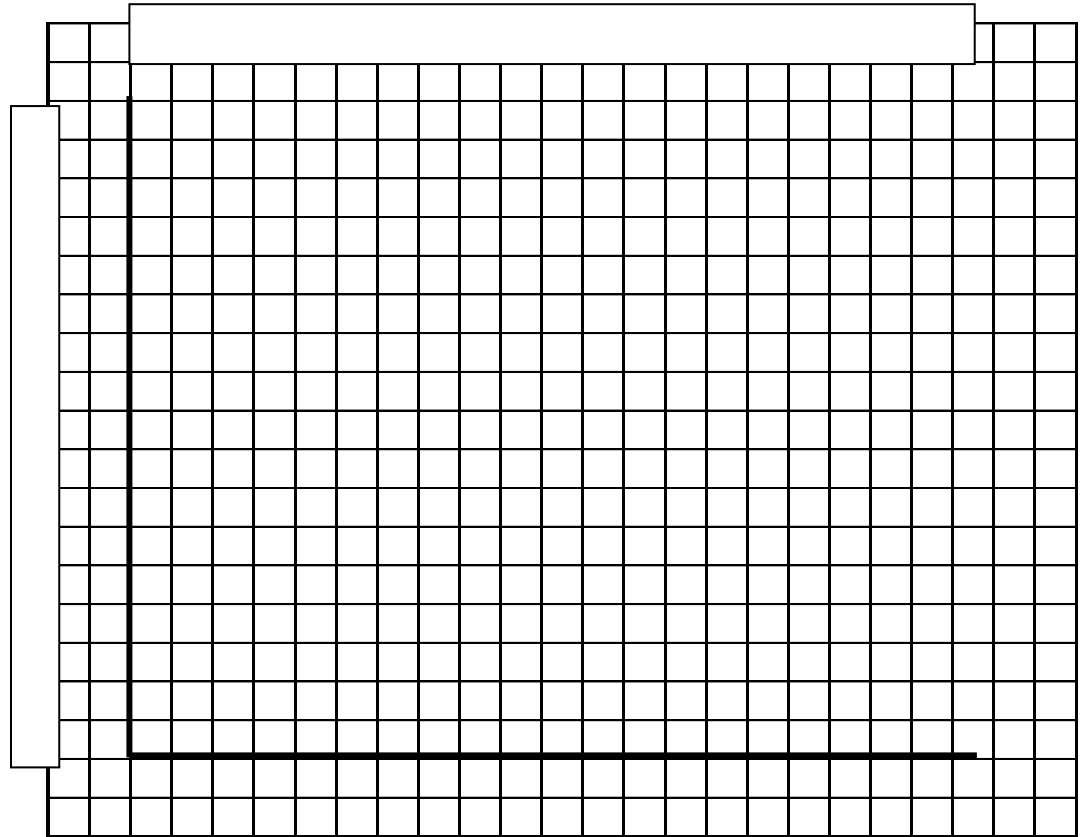
Hypothesis: _____

Variable: _____

Controls: _____

Data and graph:

Complete a data table for Krusty's Data



	4	3	2	1
1. Question is correctly answered based upon the data				
2. Compares the data using the numbers, averages, and trial data		Missing 1 requirement	Missing 2 requirements	Missing 3 requirements
3. Accepts or rejects hypothesis				
4. 0-1 errors in grammar, spelling, and punctuation.				

Conclusion: _____
