

Warm Up

Mr. Krab created a secret ingredient for a breath mint that he thinks will “cure” the bad breath people get from eating krabby patties. He asked 100 customers with a history of bad breath to try his new breath mint. He had 50 customers (Group A) eat a breath mint. The other 50 (Group B) also received a breath mint after they finished the sandwich, however, it was just a regular breath mint and did not have the secret ingredient. Both groups were told that they were getting Mr. Krab’s special breath mint. Two hours after eating the krabby patties, 30 customers in Group A and 10 customers in Group B reported having better breath.



- 1) What is the problem?
- 2) What is Mr. Krab’s hypothesis?
- 3) What is the independent variable?
- 4) What is the dependent variable?
- 5) Which group is the control group?
- 6) What should Mr. Krabs’ conclusion be?
- 7) Why do you think 10 people in group B reported fresher breath?