

Date:

Scientific Method Lab:

Name:

Skittle Colors

Question/ Problem:

Which color skittle is most common in a fun sized package of skittles?

Materials:

- * One Package of Skittles
- * Calculator
- * Colored Pencils

Develop a hypothesis:

Make an educated guess about the color you think is the most dominant skittle.

Procedure:

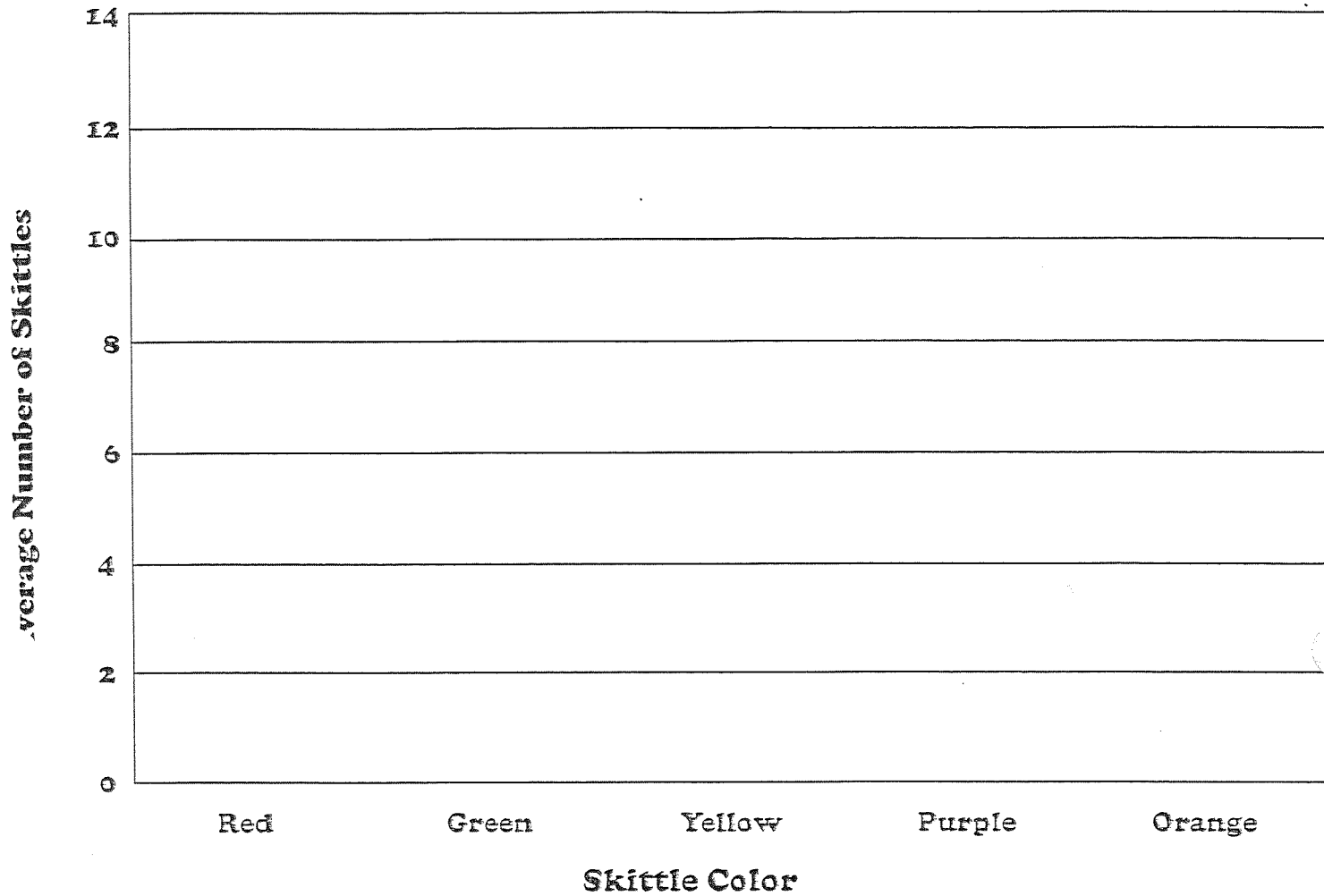
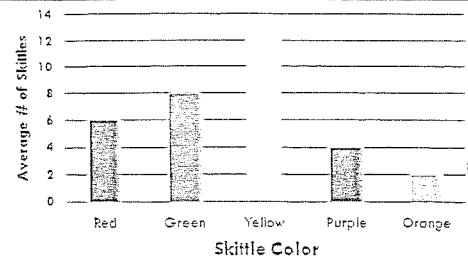
1. Open your package of Skittles and separate each color into piles (red, green, etc.).
2. Count and record how many skittles of each color into the data chart.
3. Count and record the **TOTAL** number of skittles.
4. Calculate the percentage of each color Skittle.
5. Use the data in the table below to complete the bar graph on the next page.

Color	Amount	Calculations (amount of color/ total # of Skittles) X 100	Percentage %
Red			
Orange			
Yellow			
Green			
Purple			
Total			

Procedure Continued:

6. Use color pencils to complete the following bar graph

An example of a completed bar graph is shown on the right →



Post-Lab Questions:
(Use Complete Sentences)

1. Was your hypothesis supported or rejected? Give evidence in your explanation.
2. What was the answer to the original question? Give evidence.
3. What could be done to improve the accuracy of this lab?
4. Explain how the scientific method was or was not followed in this lab.