

Tally Sheet Froot Loop Data Survey

Name: _____

Froot Loops are yummy! Have you ever wondered which Froot Loop color is the most common? Which color appears the most? Well you are going to help answer that question with your own bag of Froot Loops! Yes, you can eat them but before you do there are a few things that you need to do.

Step 1: Before we open the bag, let's make a prediction. Which color do you think will be most common, or appear more frequently in your bag? Circle the color below.

Orange

Yellow

Green

Purple

Blue

Red



Step 2: Let's Make a few more observations before we open the bag. Answer the questions below.

How many ounces of Froot Loops are in your bag?
You can find the number of ounces in one of the lower corners of the bag next to NET WT.



Step 3: Finally the time to open your bag of Froot Loops. Careful, don't lose any! Now we need to put the Froot Loops into groups according to color. Done? Now count up each color and record your results in the table below.

Orange

Yellow

Green

Blue

Purple

Red

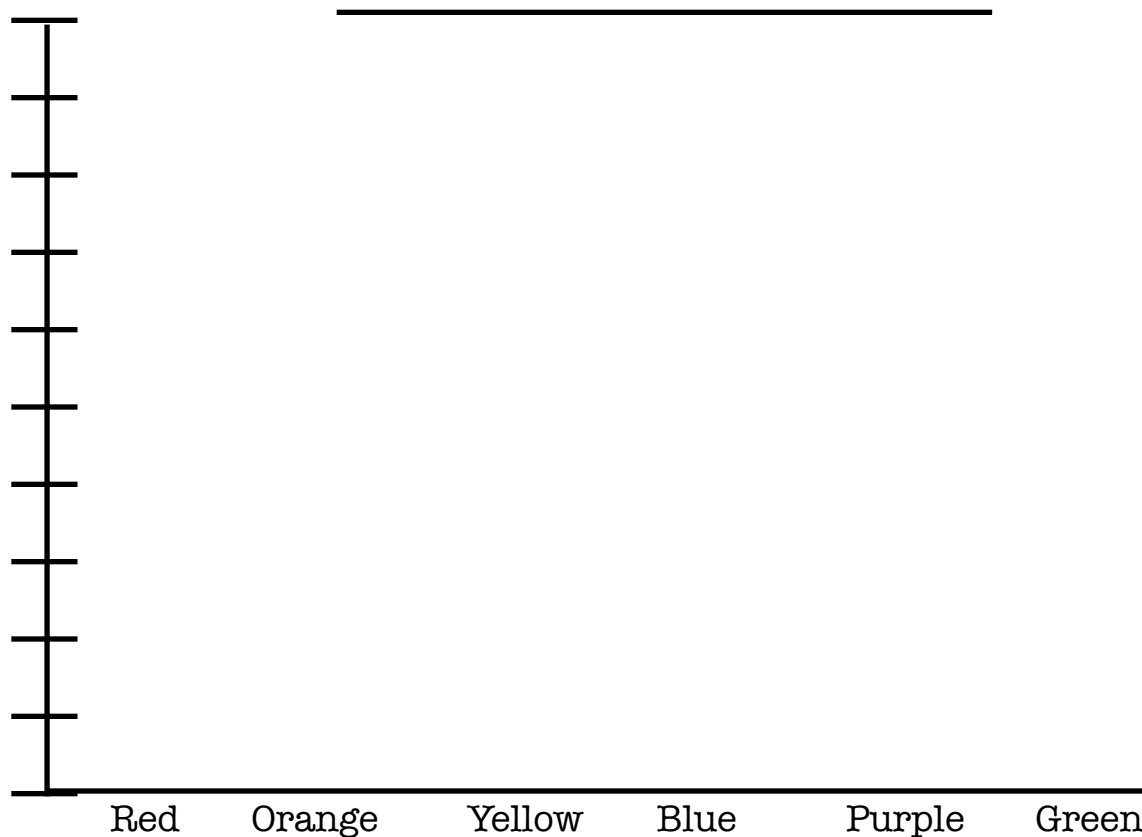


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Step 4: So was your prediction from Step 1 correct? Now use the data from the table you made on page 1 to finish the bar graph below.

Remember to include a title, label, and scale.



Step 5: Answer the following questions about the data you collected.

Which color appeared the most often?

Which color was the least often in your bag?

What is the mode of your data (the number that occurs the most)?

What is the range of your data (the difference between the least and greatest numbers?)

Step 6: Now go to <http://mmdatasurvey.com> and click "Start Counting Froot Loops" near the top of the webpage. Follow the directions on the website to add your data. Please give your teacher's name, not your name. Then it is time to eat your Froot Loops! Thanks!