



Bitesize data science for our
hi' SUPERGirls

Activity 3: What is in the bag of skittles

What is in a bag of



Skittles by color

1. Before opening your package of skittles, guess how many red, Green, orange, purple, and yellow skittles will you have in your bag and put the numbers on its correspondent skittles piece on your left.

2. Now you can open your package of Skittles and separate each color (red, green, etc.).

3. Count and record how many skittles of each color into the data chart.

4. Count and record the TOTAL amount of skittles.

5. Calculate the percentage of each color Skittle.

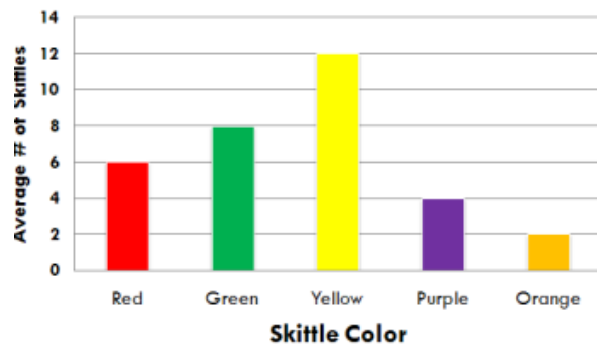
6. Use the data in the table below to complete the bar graph on the next page.

| Color | Amount | Calculations (Number of color/total # of skittles)X100 | Percentage % |
|---------------|---------------|--|-------------------------------|
| Red | | | |
| Orange | | | |
| Yellow | | | |
| Green | | | |
| Purple | | | |
| Total | | | |

7. Use colored pencils to complete the following bar graph based on your data in the table.

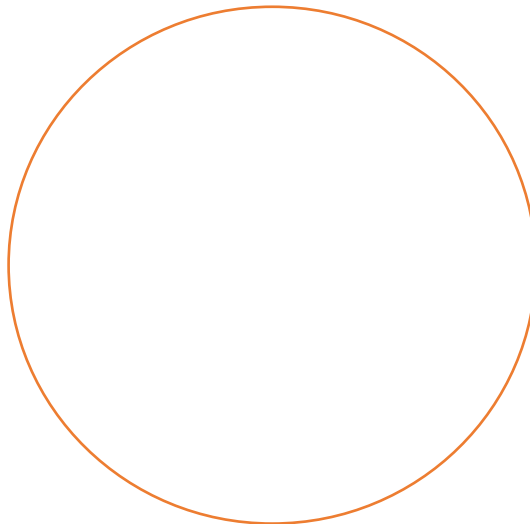
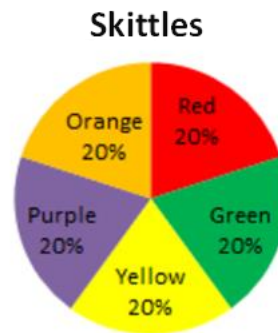
An example of a completed bar graph

is shown on the right →



8. Now, use the same data in your table to complete the empty pie chart below.

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



9. Which colors are most and least common? (Bar Chart and Pie Charts)?

10. Let us compare our outputs together.

11. Does the total number of candies vary across bags?

12. Does the amount of each color vary across bags?
