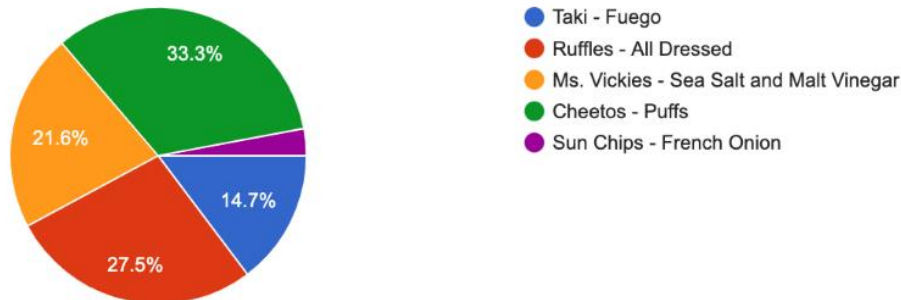


RH Data Activity: Part 2

Using the data we collected last week, answer the following questions. Make sure to support your answers with mathematical thinking. If you need to use a calculator, you may.

What is the most "iconic" chip brand and flavour of all time?

102 responses



a) Approximately, what *percent* of people thought **Sun Chips – French Onion** was the most iconic chip brand and flavour of all time?

b) Read the graph and the surrounding information *carefully*. If we have each percentage and there were **102 responses** in total, **how many people voted for each category?** Read the example and follow the pattern. (**you may need to round up or round down to the *nearest whole number*)

For example: **Cheetos**

Step 1 → $33.3\% \div 100 = 0.333$ (this decimal number represents $\frac{\text{number of votes in a category}}{\text{total number of responses}}$)

Step 2 → $0.333 \times 102 = 33.9 \approx \mathbf{34 \text{ people voted for Cheetos}}$ (we round up to 34 since you can't have .9 of a person)

of people who voted for **Taki - Fuego** = _____

of people who voted for **Ruffles - All Dressed** = _____

of people who voted for **Ms. Vickies - Sea Salt and Malt Vinegar** = _____

of people who voted for **Cheetos - Puffs** = _____

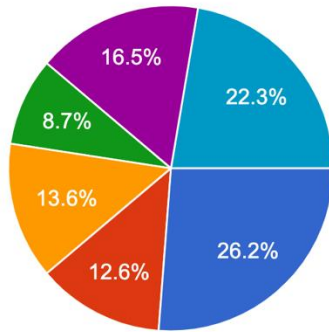
c) Using the numbers you just acquired, what is the “*data set*” (may need to refer to “**Graph Intro Week 7**” notes)

d) What is the ratio of *people who voted for flat chips* to *people who voted for cylinder shaped chips*?

Using the graph below, answer the following questions

What division are you in?

103 responses



- Mr. Lightbody - Division 1
- Ms. Koot - Division 2
- Mr. Martin - Division 3
- Ms. Wilson/ Ms. Lewis - Division 4
- Ms. Short/ Ms. Lewis - Division 5
- Ms. Bartlett - Division 6

a) Using the graph above as a guide, draw a line and match the number of students who voted to their division

Division	Number of Students Who Voted
Division 1	13
Division 2	9
Division 3	23
Division 4	27
Division 5	17
Division 6	14

b) What is the “range”/spread of the data? (Refer to “**Graph Info Week 7**” Notes)

c) Using this data, what is the “mean”/average number of votes per class? (Refer to “**Graph Info Week 7**” Notes)

Given the following data, carefully consider what kind of graph would *best represent* this data, then make it! As last week, please ensure that your graph is: **titled, neatly coloured, utilizes labels and a legend if necessary.**

What Is the Best Kind of Movie to Watch	
Type of Movie	Number of Students Who Voted For It
Action	32
Romantic Comedies	5
Scary	12
Anything Disney+/Netflix	7
I'd Rather Read a Book/ Spend Time with Family	44