**Frequency Tables**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Grade** | **Favorite Candy** | | | |
| **Snickers** | **Milky Way** | **Skittles** | **Total** |
| **9** | 3 | 9 | 5 |  |
| **10** | 4 | 11 | 1 |  |
| **11** | 7 | 2 | 6 |  |
| **12** | 2 | 4 | 8 |  |
| **Total** |  |  |  |  |

Joint Frequencies Marginal Frequencies

Steps to complete a frequency table:

1. Total Each Row
2. Total each column and leave the far right bottom box empty.
3. Total the bottom row ONLY and put the answer in the far right bottom box.
4. Total the far right column ONLY and make sure that it equals the value found in step 3.
5. The value in the far right bottom box is your magic number (the total number of people in the survey)
6. Change every number to a percent by dividing each number by your magic number and moving the decimal two places to the right (round to the nearest tenth)

Examples:

1. Find the joint frequency of people in the survey who were in 9th grade and liked Skittles.
2. Find the joint frequency of people in the survey who liked Snickers and were in the 12th grade.
3. Given that you have chosen an 11th grader, what is the frequency of people who liked Skittles?
4. What is the marginal frequency of people who liked Milky Way?