**C:\Users\kmccoy\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\EGUI3368\MC900078736[1].wmf C:\Users\kmccoy\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\EGUI3368\MC900078736[1].wmf**

**Summarizing the Results**

**Directions:** Pick 2 of the questions from the Carousel Activity and report the frequency of responses given for each answer choice. Then, using the proportion of the frequency of response to the total # of responses given, create equivalent forms of the proportion (percent, fraction, ratio). Use the statistics of the data collected to summarize the results.

**EXAMPLE:**

Question #: 1 Total # of Responses: 25

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **CHOICE A** | | | | **CHOICE B** | | | |
| **Frequency** | **Percent** | **Fraction** | **Ratio** | **Frequency** | **Percent** | **Fraction** | **Ratio** |
| 2 | 8% | 2/25 | 2:25 | 7 | 28% | 7/25 | 7:25 |
| **CHOICE C** | | | | **CHOICE D** | | | |
| **Frequency** | **Percent** | **Fraction** | **Ratio** | **Frequency** | **Percent** | **Fraction** | **Ratio** |
| 13 | 52% | 13/25 | 13:25 | 3 | 12% | 3/25 | 3:25 |

Now using the data above, write 3 statements with proportions and relationships describing the results.

1. Four out of 5 students **Usually** or **Sometimes** (*Sum of Choices B and C converted to a ratio*) cleans the area where they make food and snacks.
2. Only 8% said they **Never** (*Choice A*) clean the area where they make food and snacks; whereas 92% said they cleaned the area at least some of the time (*Sum of Choices B, C, and D*).
3. Over half of the students, indicated that they **Usually** (*Choice C*) clean the area where they make food and snacks.

**PRACTICE:** As a class or in groups, create two other summary sentences for the responses provided in the example.

1.

2.

**YOUR TURN:**

Question # \_\_\_\_\_\_ Total # of Responses: \_\_\_\_\_\_

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **CHOICE A** | | | | **CHOICE B** | | | |
| **Frequency** | **Percent** | **Fraction** | **Ratio** | **Frequency** | **Percent** | **Fraction** | **Ratio** |
|  |  |  |  |  |  |  |  |
| **CHOICE C** | | | | **CHOICE D** | | | |
| **Frequency** | **Percent** | **Fraction** | **Ratio** | **Frequency** | **Percent** | **Fraction** | **Ratio** |
|  |  |  |  |  |  |  |  |

Now using the data above, write 3 statements with proportions and relationships describing the results.

|  |  |
| --- | --- |
| 1. |  |
| 2. |  |
| 3. |  |

Question # \_\_\_\_\_\_ Total # of Responses: \_\_\_\_\_\_

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **CHOICE A** | | | | **CHOICE B** | | | |
| **Frequency** | **Percent** | **Fraction** | **Ratio** | **Frequency** | **Percent** | **Fraction** | **Ratio** |
|  |  |  |  |  |  |  |  |
| **CHOICE C** | | | | **CHOICE D** | | | |
| **Frequency** | **Percent** | **Fraction** | **Ratio** | **Frequency** | **Percent** | **Fraction** | **Ratio** |
|  |  |  |  |  |  |  |  |

Now using the data above, write 3 statements with proportions and relationships describing the results.

|  |  |
| --- | --- |
| 1. |  |
| 2. |  |
| 3. |  |

**Think About It:** After completing this carousel activity, how do you think other students would answer the questions? Would the results be the same, similar, or different? Why or why not?