



# Data Investigation



PART 1: Write 3 statistical questions we can ask about the data collected:

- 1.
- 2.
- 3.

PART 2: For your assigned question from the Carousel Activity, 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, find the other equivalent forms of the proportion.

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

PART 3: Using the posted summaries for each question, can you answer the 3 statistical questions you listed above?

- 1.
- 2.
- 3.

DIRECTIONS: Complete the Data Summary for your assigned question. Use the back of the page for your work. Write neatly because others will be using your results.

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

**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?