## Unit 1 Lesson 1: Getting to Know You

### 1 Which One Doesn’t Belong?: Types of Data (Warm up)

#### Student Task Statement

Which one doesn’t belong?

Question A: How many potato chips are in this bag of chips?

Question B: What is the typical number of chips in a bag of chips?

Question C: What type of chips are these?

Question D: What type of chips do students in this class prefer?

### 2 Representing Data About You and Your Classmates

#### Student Task Statement

Your teacher will assign you a set of 3 questions.

* Write another question of your own that will require data collected from the class to answer.
* For each of the 4 questions, write a survey question that will help you collect data from the class that can be analyzed to answer the questions.
* Ask the 4 survey questions to 15 classmates and record their responses to collect data.
* After collecting the data return to your group.

1. What is the question of your own that will require data collected from the class to answer?
2. What are the 4 survey questions you will ask your classmates?
3. Summarize the data for each question in a sentence or two and share the results with your group.
4. With your group, decide what the responses for question number 1 have in common. Then do the same for questions numbered 2 and 3.
5. Does the question you wrote fit best with the questions from number 1, 2, or 3? Explain your reasoning.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| responder’s name | question 1 response | question 2 response | question 3 response | my question response |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |



© CC BY 2019 by Illustrative Mathematics®