Unit 9, Lesson 4

If Our Class Were the World

Let's use math to better understand our world.

4.1 All 7.9 Billion of Us

At the time that data was collected in 2023, there were 7.9 billion people in the world. If the whole world were represented by a 30-person class:

- 13 people would eat rice as their main food.
- 10 people would be under the age of 20.
- 5 people would be from Africa.

1. What percentage of the people in the class would be under the age of 20?

2. What percentage of the people in the class would *not* eat rice as their main food?

3. Based on the number of people in the class who represent people from Africa, how many people live in Africa?

4.2 About the People in the World

With the members of your group, write a list of questions about the people in the world. Your questions should begin with "How many people in the world . . . ?"

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4.3 If Our Class Were the World

Suppose your class represents all the people in the world.

Choose 3–4 of your questions about the world's population to investigate. For each question:

- Research: Find out how many people in the world share the characteristic you chose.
- Calculate: If your class were the world, how many students would have the characteristic?

Use the tables to help you organize your work:

Question 1: How many people in the world . . . ?	
Research:	Calculate:
If our class were the world, _____ people in our class would . . .	

Question 2: How many people in the world . . . ?	
Research:	Calculate:
If our class were the world, _____ people in our class would . . .	

Question 3: How many people in the world . . . ?	
Research:	Calculate:
If our class were the world, _____ people in our class would . . .	

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Question 4: How many people in the world . . . ?	
Research:	Calculate:
If our class were the world, _____ people in our class would . . .	

Create a visual display that includes a diagram that represents this information. Give your display the title "If Our Class Were the World."