

Student Guide











Workshop: Large Numbers


Questions 1–5 (SG pp. 245–246)

1. Answers will vary.
2. Responses will vary. Possible responses may include that bigger cities don't necessarily have bigger stadiums, or that the biggest stadiums are football stadiums, while Olympic stadiums are the second biggest, and baseball stadiums are the smallest.
3. **A.** Michigan Stadium; football
B. 107,501
C. Ann Arbor, Michigan; 114,386
4. **A.** U.S. Cellular Field; Chicago White Sox
B. 40,615
C. Chicago, Illinois; 2,853,114
- 5.* No, because the exact number of people who live in a city changes every day.

Workshop: Large Numbers

Stadiums, Teams, and Cities Table

Stadium	Team	Number of Seats	Location	Population of City
A. Estadio do Maracana	2016 Olympic Teams 	88,992	Rio de Janeiro, Brazil	16,140,000
B. Beijing National Stadium	2008 Olympic Teams 	91,000	Beijing, China	16,850,000
C. Beaver Stadium	Penn State Nittany Lions 	107,282	State College, PA	39,419
D. Kinnick Stadium	Iowa Hawkeyes 	70,585	Iowa City, IA	67,831
E. Memorial Stadium	Illinois Fighting Illini 	70,984	Champaign, IL	79,389
F. Michigan Stadium	Michigan Wolverines 	107,501	Ann Arbor, MI	114,386
G. Ohio Stadium	Ohio State Buckeyes 	102,329	Columbus, OH	754,885
H. U.S. Cellular Field	Chicago White Sox 	40,615	Chicago, IL	2,853,114
I. Wrigley Field	Chicago Cubs 	41,160	Chicago, IL	2,853,114
J. Yankee Stadium	New York Yankees 	52,325	New York, NY	8,363,710

Discuss 

1. **A.** How many students go to your school?
B. How many people live in your city or town?
C. How many people live in the largest city in your state?
2. Study the table with a partner. Find two facts that are interesting to you about the numbers in the table.
3. **A.** Which stadium is the largest? What sport is played there?
B. How many seats are in the stadium?
C. Where is the stadium? How many people live in that city?

Workshop: Large Numbers SG • Grade 4 • Unit 6 • Lesson 7 245

Student Guide - Page 245

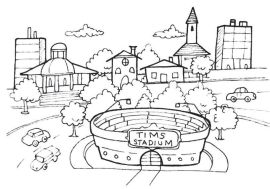
Homework

Questions 1–5 (SG p. 246)

1. **A.** Fifty-two thousand, three hundred twenty-five.
B. Two million, eight hundred fifty-three thousand, one hundred fourteen.
C. Eighty-eight thousand, nine hundred ninety-two.
2. **A.** Beaver Stadium and Kinnick Stadium.
B. Beaver Stadium and Michigan Stadium or Kinnick Stadium and Memorial Stadium.
3. **A.** 39,000
B. 40,000
4. About 11,000. $52,000 - 41,000 = 11,000$.
5. U.S. Cellular Field, Wrigley Field, and Yankee Stadium.

4. **A.** Which stadium is the smallest? Which team plays there?
B. How many seats are in the stadium?
C. Where is the stadium? How many people live in that city?

The job of the U.S. Census Bureau is to collect data about the people in the United States. The populations of the U.S. cities in the table are from the U.S. Census Bureau. They are estimates for the number of people who lived in the cities in 2008.



5. Do you think you can know the exact number of people who live in a city? Why or why not?

Use the *Moving Ahead with Large Numbers Workshop Menu* page in the *Student Activity Book* to practice working with large numbers.

Homework

Use the data in the Stadiums, Teams, and Cities Table to answer the questions below.

1. Write the following numbers in words:
 - A.** The number of seats in Yankee Stadium.
 - B.** The number of people who live in Chicago.
 - C.** The number of seats in Estadio do Maracana.
2. **A.** Which stadiums have more seats than the number of people who live in the city?
B. Which two football stadiums have about the same number of seats?
3. **A.** Round the population of State College, Pennsylvania to the nearest thousand.
B. Round this population to the nearest ten thousand.
4. About how many more seats are in Yankee Stadium than Wrigley Field?
5. The first Olympic Games were held over 2000 years ago in Olympia, Greece. The stadium where the games were held could hold 45,000 people. Which stadiums have about the same number of seats as the ancient stadium in Olympia?

246 SG • Grade 4 • Unit 6 • Lesson 7 Workshop: Large Numbers

Student Guide - Page 246

* Answers and/or discussion are included in the lesson.