



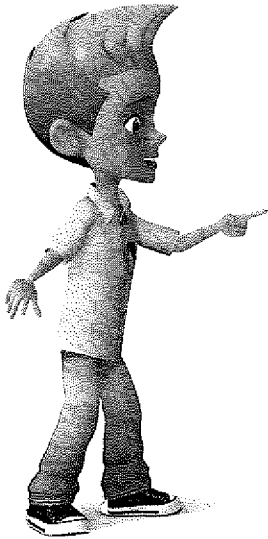
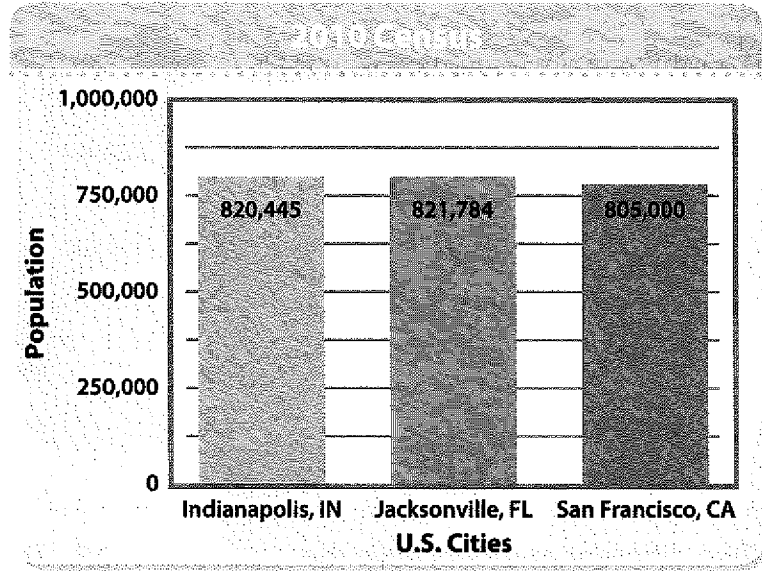
# Homework 1-4

## Rounding Whole Numbers

### Another Look!

The graph shows census data for three U.S. cities. Round each number to the nearest ten thousand.

To round numbers, look at the digit in the place to the right of the place value the number is rounding to.



ten thousands

↓  
820,445  
 820,000  
821,784  
 820,000  
805,000  
 810,000

When the digit to the right is 0, change the rest of the digits to the right to 0.

When the digit to the right is 1, 2, 3, or 4, change it and all the digits to the right to 0.

When the digit to the right is 5 or greater, add one to the digit in the rounding place and change all the digits to the right to 0.

In **1** through **10**, round each number to the place of the underlined digit.

1. 160,656

2. 149,590

3. 117,821

4. 75,254

5. 2,420

6. 900,985

7. 6,440,591

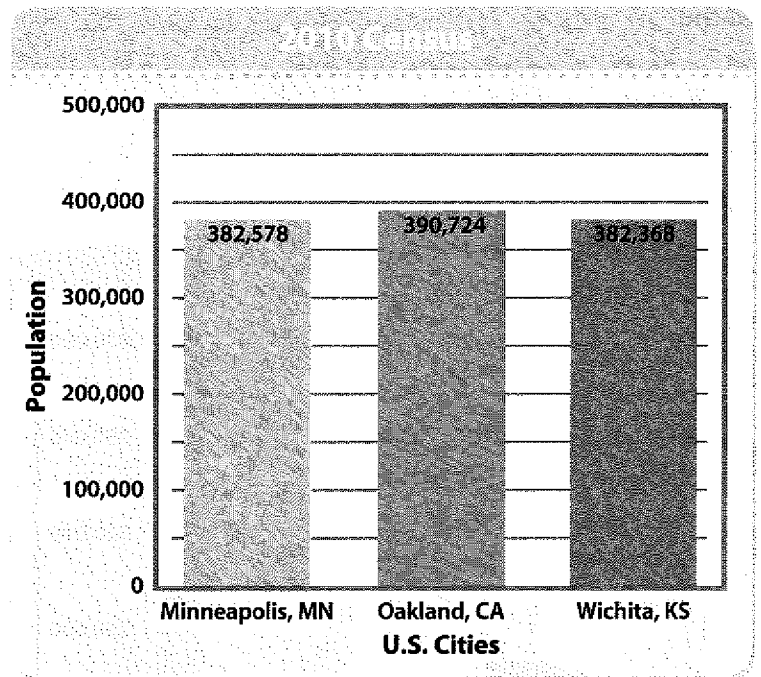
8. 632,005,000

9. 39,258,365

10. 5,421,836

11. Math and Science Use the data in the table.

- Which place could you round to so that the rounded populations of all three cities are the same?
- Which place could you round to so that the rounded populations of all three cities are the different?



12. Two different numbers have the same value when rounded to the hundred thousands place. Which are the two numbers?

- 169,402 and 109,985
- 450,214 and 520,836
- 798,893 and 659,317
- 912,750 and 834,271

13. The ticket master said that about 5,000 people attended the show. If he correctly rounded the actual number of people who attended to the nearest hundred, which of the following could be the actual number?

- 4,090
- 4,909
- 4,990
- 5,090

14. Communicate Mrs. Kennedy is buying pencils for each of 35 students at Hamilton Elementary. If she buys 7 pencils for each student, how many pencils will she buy? Explain.

15. Extend Your Thinking A five-digit number is rounded to the ten thousands place. Is it possible for the rounded number to be a six-digit number? If so, give an example.