

Name _____

Chapter Review

1. Select a number for \blacksquare that will make a true comparison. Mark all that apply.

$$703,209 > \blacksquare$$

- (A) 702,309 (C) 703,209 (E) 730,029
(B) 703,029 (D) 703,290 (F) 730,209

2. Amira wrote the greatest number that can be made using each of these digits exactly once.



Part A

What was Amira's number? How do you know this is the greatest possible number for these digits?

Part B

What is the least number that can be made using each digit exactly once? Explain why the value of the 4 is greater than the value of the 5.

For Problems 3–4, use the table.

U.S. Mountain Peaks					
Name	State	Height (ft)	Name	State	Height (ft)
Blanca Peak	CO	14,345	Mount Whitney	CA	14,494
Crestone Peak	CO	14,294	University Peak	AK	14,470
Humboldt Peak	CO	14,064	White Mountain	CA	14,246

3. Write the name of each mountain peak in the box that describes its height, in feet.

Between 14,000 feet and 14,300 feet

Between 14,301 feet and 14,500 feet

4. Circle the name of the tallest peak. Explain how you know which of the mountain peaks is the tallest.

5. Which statement is true?

- A

400 is 10 times as much as 4,000.
- B

40 is $\frac{1}{10}$ as much as 400.
- C

4,000 is 100 times as much as 4.
- D

4 is $\frac{1}{10}$ as much as 40,000

6. Ishan and Cheryl each rounded 745,829 to the nearest ten thousand. Ishan wrote 750,000 and Cheryl wrote 740,000. Who is correct? Explain the error that was made.

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7. The total season attendance for a college team's home games, rounded to the nearest ten thousand, was 270,000. For Problems 7a–7d, select Yes or No to tell whether the number could be the exact attendance.

7a. 265,888 ☐ Yes ☐ No

7b. 260,987 ☐ Yes ☐ No

7c. 274,499 ☐ Yes ☐ No

7d. 206,636 ☐ Yes ☐ No

For Problems 8–10, use the table.

The table shows recent population data for Sacramento, California.

Population of Sacramento, CA			
Age in years	Population	Age in years	Population
Under 5	35,010	20 to 34	115,279
5 to 9	31,406	35 to 49	92,630
10 to 14	30,253	50 to 64	79,271
15 to 19	34,219	65 and over	49,420

8. Order the populations of these age groups from least to greatest. Under 5, 5 to 9, and 15 to 19.

9. What is the value of the digit 9 in the population of the group 65 and over?

10. Write the number of children between 10 to 14 another way.

11. For Problems 11a–11d, select True or False for each sentence.

- 11a. The value of 7 in 375,092 is 7,000. ☐ True ☐ False
- 11b. The value of 5 in 427,593 is 500. ☐ True ☐ False
- 11c. The value of 2 in 749,021 is 200. ☐ True ☐ False
- 11d. The value of 4 in 842,063 is 40,000. ☐ True ☐ False

12. Select another way to show 403,871. Mark all that apply.

- ☐ (A) four hundred three thousand, eight hundred one
- ☐ (B) four hundred three thousand, seventy-one
- ☐ (C) four hundred three thousand, eight hundred seventy-one
- ☐ (D) $400,000 + 38,000 + 800 + 70 + 1$
- ☐ (E) $400,000 + 3,000 + 800 + 70 + 1$
- ☐ (F) 4 hundred thousands + 3 thousands + 8 hundreds + 7 tens + 1 one

13. Lexi, Susie, and Rial are playing an online word game. Rial scores 100,034 points. Lexi scores 100,754 points. Susie scores 100,030 points. Put the scores in order from greatest to least.

14. There were 7,987 visitors to a museum in June. What is this number rounded to the nearest thousand? Explain how you rounded.

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15. New Mexico has an area of 121,298 square miles. California has an area of 155,779 square miles. Arizona has an area of 113,635 square miles. Which state has the most square miles? Which state has the least square miles? Explain how you know.

16. Circle the choice that completes the statement.

10,000 less than 24,576

=

>

<

1,000 less than 14,576

17. Match the number to the value of its 5.

45,678 ●

● 500

757,234 ●

● 50

13,564 ●

● 50,000

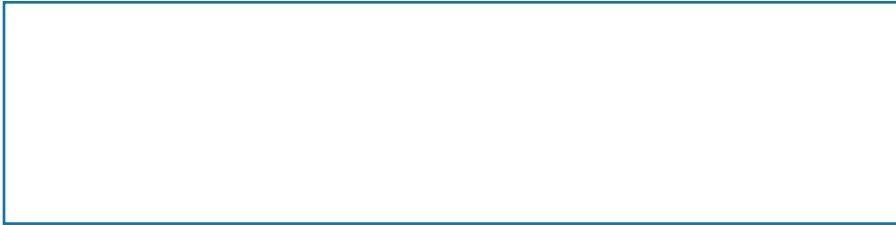
3,450 ●

● 5,000

18. Joey has 700 pennies in a jar. Brenda has 10 times as many pennies as Joey does. How many pennies does Brenda have?

(A) 70,000
(B) 7
(C) 7,000
(D) 70

19. A college baseball team had 3 games in April. Game one had an attendance of 14,753 people. Game two had an attendance of 20,320 people. Game three had an attendance of 14,505 people. Write the games in order from the least attendance to the greatest attendance. Use pictures, words, or numbers to show how you know.



20. Caden made a four-digit number with a 5 in the thousands place, a 5 in the ones place, a 6 in the tens place, and a 4 in the hundreds place. What was the number?
