



Chapter 1 Review/Test


Personal Math Trainer

 Online Assessment
and Intervention

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. **GO DEEPER** Nancy wrote the greatest number that can be made using each of these digits exactly once.



Part A

What was Nancy'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 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. Mr. Rodriguez bought 420 pencils for the school. If there are 10 pencils in a box, how many boxes did he buy?

- A 42
- B 420
- C 430
- D 4,200

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

Name _____

7. The total season attendance for a college team's home games, rounded to the nearest ten thousand, was 270,000. For numbers 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 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. How many children are under 10 years old? Show your work.

9. How many people are between the ages of 20 and 49? Show your work.

10. How many more children are under the age of 5 than between the ages of 10 and 14? Show your work.

11. For numbers 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

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13. **THINK SMARTER +** Lexi, Susie, and Rial are playing an online word game. Rial scores 100,034 points. Lexi scores 9,348 fewer points than Rial and Susie scores 9,749 more points than Lexi. What is Susie's score? Show your work.

14. There were 13,501 visitors to a museum in June. What is this number rounded to the nearest ten thousand? Explain how you rounded.

Name _____

15. New Mexico has an area of 121,298 square miles. California has an area of 155,779 square miles. How much greater is the area, in square miles, of California than the area of New Mexico? Show your work and explain how you know the answer is reasonable.

16. Circle the choice that completes the statement.

10,000 less than 24,576 is equal to
greater than
less than 1,000 less than 14,576

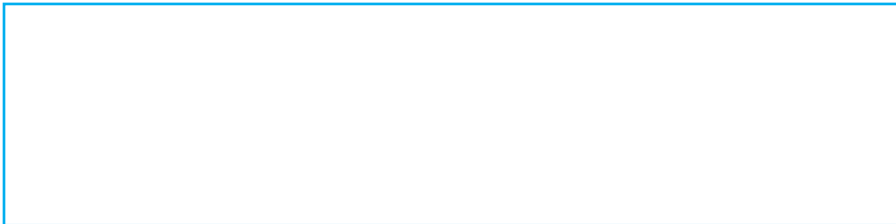
17. Match the number to the value of its 5.

45,678 ●	● 500
757,234 ●	● 50
13,564 ●	● 50,000
3,450 ●	● 5,000

18. During September and October, a total of 825,150 visitors went to Grand Canyon National Park. If 448,925 visitors went to the park in September, how many visitors went to the park in October? Show your work.



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?
