

Name \_\_\_\_\_ Date \_\_\_\_\_

TEST

# Unit 2 (Exploring Large and Small Numbers)

Test 1

1. Write the number that is

a. one hundred thousand more than 3 951 309.

4 051 309

b. one million less than 17 809 345.

16 809 345

c. one billion more than 94 382 000.

1 094 382 000

2. Write each number in standard form.

a. 42 million

42 000 000

b. 6.3 million

6 300 000

c. 14 billion

14 000 000 000

d.  $9\,000\,000 + 80\,000 + 6000 + 3$  9 086 003

e.  $20\,000\,000 + 400\,000 + 50\,000 + 200$  20 450 200

3. Write each number in words.

a. 609 014 800 six hundred nine million fourteen thousand eight hundred

b. 2 007 500 003 two billion seven million five hundred thousand three

c. 13 902 605 thirteen million nine hundred two thousand six hundred five

4. Make true statements by writing  $<$  or  $>$  in each box.

a.  $56\,999$    $342\,012$

b.  $1\,000\,000\,000$    $999\,999\,999$

c.  $692\,001\,716$    $962\,000\,213$

d.  $230\,961\,456$    $98\,350\,765$

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**PRACTICE**

# Decimals in Between

Use all the digits given. Write a decimal to make each statement true.  
Use each digit only once in each number.

Use 6, 8, 9, and 0.

1.  $0.698 < \underline{0.869} < 0.896$

2.  $6.980 > \underline{6.908} > 6.890$

3.  $60.98 < \underline{68.09} < 68.90$

4.  $8.690 > \underline{8.609} > 8.096$

Use 1, 2, 3, and 0.

5.  $0.231 < \underline{0.312} < 0.321$

6.  $3.012 < \underline{3.102} < 3.120$

7.  $1.023 > \underline{0.321} > 0.312$

8.  $12.30 < \underline{13.02} < 13.20$

List from least to greatest.

9. 0.271, 0.71, 0.172, 1.27  
0.172, 0.271, 0.71, 1.27

10. 62.41, 64.06, 8.96, 8.692  
8.692, 8.96, 62.41, 64.06

Round to the nearest tenth.

11. 6.45 6.5

12. 37.183 37.2

13. 0.228 0.2

Round to the nearest hundredth.

14. 0.183 0.18

15. 4.396 4.40

16. 35.098 35.10