

Unit 2

Unit Assessment, Form B

Name _____

1. Which number has the digit 7 in the ones place, the digit 4 in the thousands place, and the digit 8 in the hundred thousands place?

A. 814,507 B. 814,570
C. 840,517 D. 840,571

2. How can you compare the numbers? Write $>$, $<$, or $=$.

10,420 7,211

253,059 253,207

64,719 64,719

62,599 179,880

3. Vince creates a table to display the heights of 3 different waterfalls.

Waterfall	Height (ft)
Tres Hermanas Falls	2,999
Olo'upena Falls	2,953
Yumbilia Falls	2,940

Which place-value position should Vince use to compare their heights?

- A. ones place
B. tens place
C. hundreds place
D. thousands place

4. The value of the hundred thousands place is 10 times greater than the value of which place-value position?

A. millions
B. ten thousands
C. thousands
D. hundreds

5. Which of these represents 857,014? Choose all that apply.

A. Eight hundred fifty-seven thousand, fourteen
B. $800,000 + 50,000 + 7,000 + 10 + 4$
C. Eighty-five thousand, seven hundred fourteen
D. $800,000 + 50,000 + 700 + 10 + 4$

6. What is the value of the digit 5 in 76,509?

7. What is 19,710 rounded to the nearest ten thousand?

8. The value of the digit 8 in 816 is 10 times the value of the digit 8 in what other number? _____

- A. 87 B. 608 C. 5,829 D. 8,001

9. A museum director estimates that 319,000 people will visit the museum each week. Which number of visitors round to 319,000 when rounding to the nearest thousand? Choose Yes or No for each number.

	Yes	No
319,879		
318,468		
319,097		
319,521		
318,604		

10. How can you round 228,141 in different ways?

Round to the nearest hundred thousand: _____

Round to the nearest ten-thousand: _____

Round to the nearest thousand: _____

11. a. How would you write 272,403 in expanded form?

b. Rounding to the nearest thousand, what does 272,403 round to?

Unit 2
Unit Assessment, Form B (continued)

Name

12. Look at the place-value chart.

Thousands Period			Ones Period		
hundreds	tens	ones	hundreds	tens	ones
8	4	7	0	9	3

Which statements are true about the number shown in the place-value chart? Choose all that apply.

- A. The digit 8 is in the hundred thousands place.
- B. The digit 9 is in the hundreds period.
- C. There are 0 thousands.
- D. The digit 7 is in the thousands period.
- E. The value of the digit 4 is 40,000.
- F. The value of the digit 3 is 30.

13. Complete the table.

Standard Form	Expanded Form	Word form
	$500,000 + 30,000 + 1,000 + 70 + 6$	Five hundred thirty-one thousand, seventy-six
1,826,920		
34,856	$30,000 + 4,000 + 800 + 50 + 6$	

14. What is 378,249 rounded to the nearest ten thousand?

15. What is the largest number and the smallest number you can create using the given digits? Use each digit only once. Do not use 0 as the first digit.

4, 7, 2, 0, and 8

a. largest _____ b. smallest _____

16. Which representations are equivalent to 809,056? Choose Yes or No for each representation.

	Yes	No
$800,000 + 90,000 + 50 + 6$		
8 hundred thousands, 9 thousands, 5 tens, 6 ones		
eight hundred nine thousand, fifty-six		

17. Grace writes the following number in the place-value chart:

Thousands Period			Ones Period		
hundreds	tens	ones	hundreds	tens	ones
	2	8	3	0	1

Isabelle makes a new number. She uses the same digits as Grace, but she removes the 0. She writes the digits in the same order. Write Isabelle's number. Then explain how the values of the digits in Isabelle's number compare to the values of the digits in Grace's number.