Number and Operations in Base 10 Q1C1 Study Guide   Name _____

Use <, =, or > to correctly compare the numbers.

1. Seven hundred thirty-two thousand, four hundred twelve _____ seven hundred thirty-two thousand fifty-eight.

2.   500,000 + 6,000 + 90 _____ 500,000 + 600 + 90

3.   859,201 _____ 859,212

What is the value of each underlined digit?

4. 49,702   _____   5. 579,839   _____   6. 3,419 _____

What is the place value of each underlined digit?

7. 902,524   _____   8. 2,123,809   _____   9. 93,811   _____

10. Order the numbers from least to greatest.   39,702   4,938   39,207

_____, _____, _____

Write the number in base ten numerals (standard form).

11. 900,000 + 60,000 + 60 + 2   _____

12. One hundred thirteen thousand, four hundred ninety   _____

Write the number in expanded form

13. 3,482,091   _____

14. Seven hundred thirty-two thousand, eighty three _____

15. What is ten times more than seven thousand, fifty-nine? Write a number sentence to solve.

16. How many times larger is the 4 in 6,418 than the 4 in 8,541? Explain.

17. How is the 1 in the number 31,382 different than the 1 in the number 82,106. Explain how you know.

18. Compare the value of the underlined digit **4** in 7,**4**45 to the underlined digit **4** in the 7,4**4**5

19. Jordan has 10 sets of baseball cards. Each set has 58 baseball cards. How many baseball cards does Jordan have in all?

20. What is another way to name 2,547?
A. 25 thousands, 5 hundreds, 7 ones   B. 2 thousands, 54 tens, 7 ones   C. 2 thousands, 5 hundreds, 47 tens
Q1C1 Study Guide **KEY**

Use <, =, or > to correctly compare the numbers.

1. Seven hundred thirty-two thousand, four hundred twelve ___>_____ seven hundred thirty-two thousand fifty-eight. 732,412 > 732,048

2. 500,000 + 6,000 + 90 __>_____ 500,000 + 600 + 90   =>506,090 > 500,690

3. 859,201 ___<__ 859,212

What is the value of each underlined digit?

4. 49,702   700   579,839   500,000   6. 3,419   10

What is the place value of each underlined digit?

7. 902,524   tens   8. 2,123,809   millions   9. 93,811   ten thousands

10. Order the numbers from least to greatest.   4,938   39,207   39,702

Write the number in base ten numerals (standard form).

11. 900,000 + 60,000 + 60 + 2   960,062

12. One hundred thirteen thousand, four hundred ninety   113,490

Write the number in expanded form

13. 3,482,091 3,000,000 + 400,000 + 80,000 + 2,000 + 90 + 1

14. Seven hundred thirty-two thousand, eighty three 700,000 + 30,000 + 2,000 + 80 + 3

15. What is ten times more than seven thousand, fifty-nine? Write a number sentence to solve. 7,059 X 10 = 70,590

16. How many times larger is the 4 in 6,418 than the 4 in 8,541? Explain. The 4 in 6,418 is 10 times larger than the 4 in 8,541. 400 has a value that is 10 times greater than the value of 40.

17. How is the 1 in the number 31,382 is different than the 1 in the number 82,106. Explain how you know. The number 1 in 31,382 has a value of 1,000. The 1 in 82,106 has a value of 100. The first one is in the thousands place in the thousands period and the second one is in the hundreds place of the ones period. 1,000 is ten times 100.

18. Compare the value of the underlined digit **4** in 7,445 to the underlined digit **4** in the 7,445
400 is 10 times greater than 4. One 4 is in the hundreds place. One 4 is in the tens place.

19. Jordan has 10 sets of baseball cards. Each set has 58 baseball cards. How many baseball cards does Jordan have in all? Jordan has 580 baseball cards in all.

20. What is another way to name 2,547?
A. 25 thousands, 5 hundreds, 7 ones   B. 2 thousands, 54 tens, 7 ones   C. 2 thousands, 5 hundreds, 47 tens