

## Unit 1 Place Value Study Guide Homework

Use the following number to answer the following questions: **1,067,258**

- 1.) What digit is in the thousands place? \_\_\_\_\_
- 2.) What digit is in the millions place? \_\_\_\_\_
- 3.) What is the place value of the digit 6? \_\_\_\_\_
- 4.) What is the number 3,000 less than the number above? \_\_\_\_\_
- 5.) What is the number 200 more than the number above? \_\_\_\_\_
- 6.) What **period** is the 6 in? \_\_\_\_\_

Write the number described below in the following forms:

**12 hundreds**

**4 ten thousands**

**9 ones**

- 7.) Standard form: \_\_\_\_\_
- 8.) Word form: \_\_\_\_\_
- 9.) Expanded form: \_\_\_\_\_
  
- 10.) What is a ten **times** more than 3 thousand one hundred twenty-two?  
\_\_\_\_\_
  
- 11.) What is a hundred **times** more than one thousand five hundred four? \_\_\_\_\_
  
- 12.) How many **times** larger is the 5 in 15,600 than the 5 in 1,560? \_\_\_\_\_
  
- 13.) How is the 5 in the number **7,592** similar to or different from the 5 in the number **45,392**? \_\_\_\_\_
  
- 14.) What is the place value of the underlined digit in 125,678? \_\_\_\_\_
  
- 15.) Which number does not equal 1,362?
  - a. 1 thousands + 3 hundreds + 5 tens + 12 ones
  - b. 4 thousands + 23 hundreds + 6 tens + 2 ones
  - c. 13 hundreds + 62 ones
  - d. 1 thousands + 36 tens + 2 ones

16.) Write these two numbers in standard form and use  $<$ ,  $>$ , or  $=$  to complete the sentence.

**Sixty thousand one hundred**

**Sixty thousand two**



17.) Explain how to round **5,021** to the nearest thousand. \_\_\_\_\_  
\_\_\_\_\_

18.) How many hundreds are in **900**?

a. 9

b. 90

c. 900

d. 9,000

19.) In the number **17,086** what are the values of the following digits?

1 \_\_\_\_\_

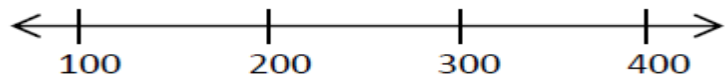
8 \_\_\_\_\_

0 \_\_\_\_\_

7 \_\_\_\_\_

20.) What number has **2 hundred, 15 tens, and 8 ones**? \_\_\_\_\_

Plot that number on the number line.



21.) North Gwinnett High School has **3,052** students, Lanier High School has **4,859** students, and Mill Creek has **4,878** students. Put these numbers in order from greatest to least.

\_\_\_\_\_

22.) Round the **107,956** to the following place values.

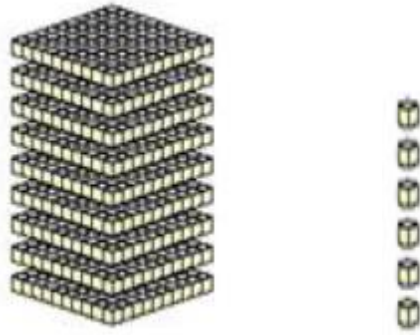
Nearest ten \_\_\_\_\_

Nearest hundred \_\_\_\_\_

Nearest ten thousand \_\_\_\_\_

Nearest hundred thousand \_\_\_\_\_

23.) Write the value of the base 10 blocks below. \_\_\_\_\_



24.) How would the number above change if each of the cubes changed to **100**?

\_\_\_\_\_

25.) Mrs. Hartz needs **1,954** cotton swabs for the clinic. Cotton swabs are sold in boxes of **100**. How many boxes of cotton swabs does Mrs. Hartz need to order? \_\_\_\_\_  
How do you know? \_\_\_\_\_

26.) Trey said that **84,071** rounded to nearest thousand is **84,000**. Why is he correct?  
Explain. \_\_\_\_\_

27.) Mr. Chunn estimates that he has **24,000** nails in his hardware store. If Mr. Chunn's estimate is correct, which number could be the exact number of nails in the store?

a. **23,652**

b. **24,552**

c. **23,499**

d. **24,995**

