

Name _____

Date _____

Teacher _____

Section _____

5.1A

Instructions:

1.

The chart below shows the number of issues sold of four different magazines.

| Magazine | Number of Issues Sold |
|----------|-----------------------|
| Q | 1,032,627 |
| R | 1,327,893 |
| S | 1,062,843 |
| T | 1,267,283 |

Which list shows the magazines in order from **GREATEST** to **LEAST** number of issues sold?

- A. T, R, Q, S
- B. R, T, Q, S
- C. T, R, S, Q
- D. R, T, S, Q

2.

On April 4, 2000, the New York Stock Exchange had traded over 1.5 billion shares. Which of these shows another way to write 1.5 billion?

- A. 1,500,000
- B. 1,000,005
- C. 1,500,000,000
- D. 1,000,500,000

3.

A television network spent more than \$300,000,000 advertising during 1997. Which could **NOT** be the amount the network spent on advertising that year?

- A. 500 million dollars
- B. 2.1 billion dollars
- C. 70 million dollars
- D. 315 million dollars

4.

The country with the greatest number of people in the world is China. Its population in 2001 was 1,273,111,290. What digit is in the billions place in this number?

- A. 1
- B. 2
- C. 7
- D. 3

5.

The largest vegetable crop in the world is sugar cane, with an annual world production of 1,231,580,648 tons. What is the value of the 3 in this number?

- A. Three million
- B. Thirty million
- C. Three hundred million
- D. Three billion

6.

The United States produces seventeen billion, four hundred ninety-one million, five hundred thirty-three thousand cubic feet of timber a year. What is that value written as a numeral?

- A. 17,491,533
- B. 17,000,491,533
- C. 17,491,533,000
- D. 17,491,000,533

7.

The largest island in the world is Greenland, with an area of 2,175,600 square miles. In this number, in what place is the numeral 7?

- A. millions
- B. hundred thousands
- C. ten thousands
- D. thousands

8.

The country of Japan uses about 28,631,000 tons of paper a year. Which digit is in the hundred thousands place in this number?

- A. 2
- B. 8
- C. 6
- D. 3

9.

Look at the list of numbers below.

25,098,815; 25,786,015; 25,780,615;
25,709,615

Which of these lists the numbers from **LEAST** to **GREATEST**?

- A. 25,098,815; 25,709,615;
25,780,615; 25,786,015
- B. 25,098,815; 25,786,015;
25,780,615; 25,709,615
- C. 25,780,615; 25,786,015;
25,709,615; 25,098,815
- D. 25,709,615; 25,780,615;
25,786,015; 25,098,815

10.

The population of four cities is shown in the table below.

| City | Population |
|---------|------------|
| London | 7,188,000 |
| Paris | 2,125,246 |
| Sydney | 4,041,381 |
| Toronto | 3,840,000 |

Which group lists the city populations from **LEAST** to **GREATEST**?

- A. London, Paris, Sydney, Toronto
- B. Paris, Toronto, Sydney, London
- C. Sydney, Toronto, Paris, London
- D. Paris, London, Sydney, Toronto

11.

The populations of some of the biggest cities in the world are listed below.

| | |
|-----------|-----------|
| Sao Paulo | 9,811,776 |
| Karachi | 9,863,000 |
| Seoul | 9,981,649 |
| Bombay | 9,925,891 |

Which city has the **GREATEST** population?

- A. Sao Paulo
- B. Karachi
- C. Seoul
- D. Bombay

12.

Rachel learned that in the Milky Way Galaxy, there are more than 100 billion stars. If n = the number of stars in the Milky Way Galaxy, which math sentence is true?

- A. $n < 100,000,000$
- B. $n > 100,000,000$
- C. $n > 100,000,000,000$
- D. $n < 100,000,000,000$

13.

The distance between Neptune and the Sun changes during Neptune's orbit, but in general Neptune is about four billion five hundred four million one hundred thirty-two thousand fifty-two kilometers from the sun. Which of the following numbers represents this distance?

- A. 454,132,052 kilometers
- B. 4,504,132,052 kilometers
- C. 4,504,132,520 kilometers
- D. 4,540,132,520 kilometers

14.

According to a recent census, there are twenty million, forty-four thousand, one hundred forty-one people living in Texas. How is this number written in standard form?

- A. 20,440,041
- B. 20,044,141
- C. 20,404,141
- D. 20,000,044,141

Answer Key

| # | Name | Ans. | Align. | Stimulus |
|----|------------|------|--------|----------|
| 1 | M053022299 | D | 5.1A | - |
| 2 | M053022702 | C | 5.1A | - |
| 3 | M053022745 | C | 5.1A | - |
| 4 | M053039566 | A | 5.1A | - |
| 5 | M053039567 | B | 5.1A | - |
| 6 | M053039572 | C | 5.1A | - |
| 7 | M053039578 | C | 5.1A | - |
| 8 | M053039579 | C | 5.1A | - |
| 9 | M053039580 | A | 5.1A | - |
| 10 | M053039581 | B | 5.1A | - |
| 11 | M053040609 | C | 5.1A | - |
| 12 | M053041124 | C | 5.1A | - |
| 13 | M053044816 | B | 5.1A | - |
| 14 | M053045022 | B | 5.1A | - |