Name: Date:

Class: School:

Place Value, Rounding Numbers & Number Types Test

**Complete the following place value chart by filling in the missing spaces.** (8 pts.)

| Millions | | | Thousands | | | Ones | . **Decimal** | Tenths | | | | | Millionths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Multiple Choice: Choose the correct answer from the options given.** (15 pts.)

1. In the number 6, 789, what is the **value** of the 8?

2. In the number 33. 256, what is the **value** of the 5?

3. In the number 7,654. 2<u>3</u> what is the **place value** of the underlined digit?

4. In the number 9,<u>2</u>34,678.12 what is the **place value** of the underlined digit?

5. The place value that comes after thousandths is _____.

6. The place value that comes before hundreds is _____.

7. What is 456.23 rounded to the nearest tenths?

8. What is 3,456.6 rounded to the nearest hundreds?

9. A number that has only 2 factors is known as _____.

10. Eight is an example of a _____.

11. Our counting numbers are called _____.

12. Negative, positive numbers and zero are called _____.

LIVEWORKSHEETS

13. Numbers that have more than two factors are known as _____.

14. Which title best fits the numbers 3,5,7, 11?

15. Which fraction best represents the value of ten-thousandths?

**Short Answer: Answer the following questions in complete sentences.**

1. What are the 4 steps to rounding numbers? (4 pts.)

2. What is the jingle shared in class to help with rounding numbers? (1 pt.)

3. List the prime numbers which are less than 10. (1 pt.)

4. List the composite numbers which are less than 10. (1 pt.)

**Round the following numbers based on the instruction given.** (5 pts.)

1. Round to the nearest tenths: 234, 768. 123

2. Round to the nearest thousands: 456, 732

3. Round to the nearest whole number (ones): 567. 52

4. Round to the nearest hundredths: 345. 271

5. Round to the nearest tens: 456. 2

LIVEWORKSHEETS