**Math Quiz #1 – Study Guide**

I should know how to….

1) Write numbers in standard form

2) Write numbers in expanded form

3) Write numbers in a place value chart

4) Write numbers in words

5) Determine that place value of a digit in a larger number

*For example*: 876 250 = ten thousands

6) Understand and sort data from a chart (determine largest number, smallest number, writing numbers in words etc.)

7) Understand the number 1 million

8) Understand and be able to figure out how many 10s, 1 000s, 5 000s etc are in 1 000 000

**Practice Questions** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_ # \_\_\_\_\_\_\_

1**) Write the following numbers in standard form**

1. three hundred thousand eight hundred twenty-three
2. nine hundred thirty five thousand seven hundred twelve
3. two hundred forty seven thousand six hundred fifty-five

**2) Write the following numbers in expanded form**

1. 856 990
2. 562 128
3. 268 335

**3) Write the following numbers in words**

1. 367 110
2. 786 540
3. 135 246

**4) Write each number in standard form**.

 a) 30 000 + 500 + 80 + 4

 b) 200 000 + 40 000 + 70

 c) 800 000 + 20 000 + 5000 + 400 + 1

 d) 500 000 + 3000 + 700

**5) Place the following numbers on a place value chart**

1. 476 689
2. 986 521
3. 557 349

**6) There are 100 pennies in one roll. How many pennies are there in**

1. 5 rolls? b) 10 rolls?

c) 50 rolls? d) 100 rolls?

e) 500 rolls f) 1000 rolls?

**7) How many days would it take you to spend $1 000 000 if each day you spend:**

1. $100 000? b) $50 000?

c) $10 000? d) $1 000?

e) $100? f) $5 000?

**8) A charity collected 10 000 ten dollar bills. How much did they collect?**

**9) Suppose there are 10 trading cards in each package?**

 **a)** How many packages would you need to package 800 cards?

 **b)** How many packages would you need to package 8000 cards?