**Place Value & Multiplication Study Guide**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Read each question carefully. Write your answer on the line provided.**

1. Write $\frac{37}{100}$ as a decimal. 1.\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Write $\frac{162}{1,000}$ as a decimal. 2.\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Write $\frac{9}{1,000}$ as a decimal. 3.\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Write the place value name of **7** in 98.731 4.\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Write the numbers in order from least to greatest.

78.2, 782.3, .783, .37

\_\_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_

1. Put these numbers in order from greatest to least.

5.891, .581, 0.81, 0.891, 6.0

\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_ , \_\_\_\_\_\_\_ , \_\_\_\_\_\_\_ , \_\_\_\_\_\_\_

1. Write the expanded form of 23.657 on the line below.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write the expanded form of 1,256.3 on the line below.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Compare these numbers using >, <, or =.

 0.8 0.800 4.23 .423 .5 .367

**Multiply and check your work.**

10. 7 2 8 x 4 = 11. 652 x 23 = 12. 102 x 36 =

**Work out the problem and write your answer on the line.**

13. This summer Mark worked for 10 weeks cutting grass. She earned $150 per week. How much money did Mark earn?

**Show your work!**

 $\_\_\_\_\_\_\_\_\_\_\_

14. The owners of Pizza Palace need to order furniture for their dining room. They need 26 tables and 120 chairs. How much with it cost if each table cost $43 and each chair costs $22?

**Show your work!**

$\_\_\_\_\_\_\_\_\_\_\_\_