

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

Test Date: \_\_\_\_\_

Please check your child's work for accuracy & understanding. Thank you! Parent Signature \_\_\_\_\_

## Unit 3: Multiplication Test Part I Study Guide

**Read each questions carefully! Be sure to answer ALL parts of the question. Don't forget the units! Show your work!**

1) Find the product of 82 and 5.

2) What is 10 times more than thirty thousand, four hundred twenty-one?

3) An Xbox cost \$135. An Xbox One costs 3 times as much. How much does the Xbox One cost? Write a number sentence that could be used to determine the Xbox One's cost.

How much does it cost?

4) Solve for  $3 \times 5$  by drawing a rectangular array.

5) Solve:

$$\begin{array}{r} 675 \\ \times 3 \\ \hline \end{array}$$

6) Allie baked 34 muffins. Chase baked 4 times more muffins than Allie baked. How many muffins did Chase bake? Show the equation with your answer.

Equation:

Chase baked \_\_\_\_\_ muffins.

7)  $8 \times 3 =$  \_\_\_\_\_

$80 \times 30 =$  \_\_\_\_\_

$80 \times 300 =$  \_\_\_\_\_

$800 \times 3000 =$  \_\_\_\_\_

8) Which of the following are prime numbers?

**22, 61, 51, 23, 39, 52, 71**

9) What is the product of 8 and 409?

10) List the first 3 multiples of 12.

11) Which of the following are composite numbers?

**42, 17, 31, 27, 45, 53**

12)  $6 \times 5 = \underline{\hspace{2cm}}$

$60 \times 50 = \underline{\hspace{2cm}}$

$60 \times 500 = \underline{\hspace{2cm}}$

13) The city of Lawrenceville has a population of 10,952 and Collins Hill has 9,109 more people. About how many people live in Collins Hill?

14) Mackenzie needs to sell Girl Scout cookies. She is required to sell at least 9 cases of cookies with 36 boxes in each case in order to earn her badge. How many boxes of cookies must Mackenzie sell?

15) Javen's grandfather is 7 times as old as he is. If Javen is 12, how old is his grandfather? **Write an equation and solve.**

                     years old

16) List the factors for 64:

17) It is 2,619 miles from Suwanee to Chicago. You travel 573 miles on the first day, 207 miles on the second day and 173 miles on the third day. How many miles have you traveled already? How many more miles did you travel on day 2 compared to day 3?

18) Over the past 4 days, Amy has baked 119 cookies per day at her mom's bakery. How many cookies did Amy bake in all?

