

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

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

**5<sup>th</sup> Grade Common Assessment 1**

**Part I: 5.NBT.5 & 6 Multiply and Divide Whole Numbers**

<p>1. There are 744 students who eat lunch in the elementary school cafeteria each day. There are 4 different lunch lines that the students can choose. If an equal number of students go through each line, how many students go through one line in a day?</p> <p>a. 186 b. 168 c. 2976 d. 297</p>	<p>2. Sasha lives 1,493 miles from her grandmother. One year, Sasha's family made 4 round trips to visit her grandmother. How many miles did they travel in all?</p> <p>a. 5,972 miles b. 8,944 miles c. 11,944 miles d. 15,944 miles</p>
<p>3. 218 strands of wicker are needed to make one placemat. How many strands are needed to make 25 place mats?</p> <p>a. 1,526 b. 5,410 c. 5,450 d. 5,460</p>	<p>4. Alexia is making 26 gift baskets for a party. She places 14 candies in each of her gift baskets. What is the total number of candies Alexia uses for her gift baskets?</p>
<p>5. The Conservation Society bought and planted 45 cherry trees. Each tree cost \$367. What was the total cost of planting the trees?</p> <p>a. \$3,303 b. \$16,485 c. \$16,515 d. \$20,185</p>	<p>6. A concert sold out for 12 performances. Altogether, 8,208 tickets were sold. How many tickets were sold for each performance?</p> <p>a. 679 b. 684 c. 689 d. 694</p>

7. A snack factory recently produced 5,378 ounces of chocolate-covered pretzels. After the chocolate hardens, the pretzels will be packaged into bags. How many bags of chocolate pretzels can be made if each bag holds 16 ounces?

8. In one year, Mike's SuperMart sold 735 video games at \$47 each. How much money did the store receive for those purchases?

**Part II Reloop: 5.NBT.1&3**

9. In the number 937, 455.89, what is the value of the underlined digit?

- a. three
- b. three hundred
- c. three thousand
- d. thirty thousand

10. How is 35.841 written in expanded form?

- a.  $(3 \times 10,000) + (5 \times 1,000) + (8 \times 100) + (4 \times 10) + 1$
- b.  $(3 \times 10) + (5 \times 1) + (8 \times \frac{1}{1}) + (4 \times \frac{1}{10}) + (1 \times \frac{1}{100})$
- c.  $(3 \times 10) + (5 \times 1) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{10}) + (1 \times \frac{1}{1})$
- d.  $(3 \times 10) + (5 \times 1) + (8 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$

Examine the 8 in the following numbers.

A. 13.8

B. 8.45

Explain the relationship between the 8 in the number labeled A and the 8 in the number labeled B. Make sure you answer the following questions:

11. Are the 8s equal in value?

12. Does one of the 8s have a larger value? A smaller value? Use models or numerical expressions to support your answer.

<p>13. Which has the value one hundred thirty-seven thousandths?</p> <p>a. 0.00137</p> <p>b. 0.0137</p> <p>c. 0.137</p> <p>d. 1.37</p>	<p>14. Which comparison is <b>true</b>?</p> <p>a. <math>0.51 &lt; 0.38</math></p> <p>b. <math>0.38 &lt; 0.51</math></p> <p>c. <math>0.51 = 0.38</math></p> <p>d. <math>0.38 &gt; 0.51</math></p>
<p>15. Mount Logan in the Yukon is 3.702 miles high. Mount McKinley in Alaska is 3.848 miles high and Pico de Orizaba in Mexico is 3.571 miles high. Order these mountains by height from greatest to least.</p> <p>a. Logan, McKinley, Pico de Orizaba</p> <p>b. McKinley, Logan, Pico de Orizaba</p> <p>c. Pico de Orizaba, Logan, McKinley</p> <p>d. Logan, Pico de Orizaba, McKinley</p>	<p>16. Start with 168,905.252. Increase the digit in the ten thousands place by 3 and decrease the thousandths digit by 2. What number results?</p> <p>a. 148,905.234</p> <p>b. 171,905.250</p> <p>c. 198,905.232</p> <p>d. 198,905.250</p>
<p>17. Which number is equivalent to <math>5 \times 100 + 2 \times 10 + 1 \times 1 + 8 \times \left(\frac{1}{10}\right) + 2 \times \left(\frac{1}{100}\right) + 4 \times \left(\frac{1}{1000}\right)</math>?</p> <p>a. 500,201.824</p> <p>b. 521,824</p> <p>c. 521.824</p> <p>d. 521.0824</p>	<p>18. John won first place by twelve thousandths of a point. How is this number written in standard form?</p> <p>a. 12,000</p> <p>b. 12.120</p> <p>c. 0.012</p> <p>d. 0.12</p>

19. Laura's mother gave her the grocery store receipt shown below.

-WALTON'S SUPERMARKET-	
**** YOUR PURCHASES TODAY ****	
eggs-18ct.	1.59
spring water	2.79
snack crackers	1.99
ice cream	3.95
cake mix	1.25
tortilla chips	2.00

Laura was asked to list some items from the receipt. In the inequality below,  $p$  represents the price of any item that Laura should put on her list.

$$p \geq 2.00$$

Which items should Laura list for her mother?

20. Susan's time for the 200-meter dash was 31.267 seconds. Maria's time for the 200-meter dash was two hundredths of a second slower than Susan's. What was Maria's time?

- a. 31.247 seconds
- b. 31.287 seconds
- c. 31.269 seconds
- d. 231.267 seconds