Unit 2 Study Guide for MUM

1.) What is 4.338 rounded to the nearest hundredth?

2.) Which number completes the number sentence?

$$32.038 - ? = 12.255$$

    A.) 19.873   B.) 18.783   C.) 19.783   D.) 44.293

3.) Which number is six hundred fifty two and forty-seven thousandths?

    A.) 652.47   B.) 652.047   C.) 647.52   D.) 652.0047

4.) Solve:

             5.32 + 3.9 + 8.3 =

5.) What is the sum of 23.49 and 5.39?

6.) The value of the 8 in 38.943 is _____ times the value of the 8 in 19.83

7.) Which symbol correctly compares the following decimals? < , > or =

    0.8 ____ 0.080   1.33 ____1.302   0.639 ____ .69

8.) A t-shirt was originally $12.39 and was on sale for $8.49. How much was the t-shirt marked down?

9.) Rachel bough lunch for her and her friend. She paid $8.23 for two hamburgers and $12.39 for fries and drinks. Rachel had $25.50 in her wallet to pay for everything. How much money does she have left?

10.) A puppy weighs 3.49 pounds and a kitten weighs 2.34 pounds. What is the total weight of the puppy and kitten rounded to the nearest tenth?

11.) Explain how to add the following 4.32 and 4.8

_____

12.) Write the following in expanded form (using multiplication/power of tens) 163.921

13.) Which of the following could be 35 when rounded to the nearest whole number?

    A.) 35.7   B.) 35.8   C.) 34.6   D.) 34.4

14.) What is the following written in standard form?

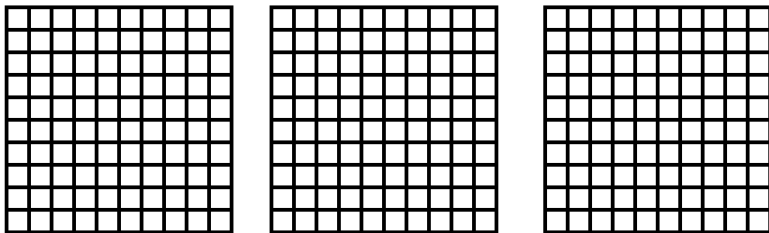 $(2 \times 10) + (6 \times 1) + (6 \times 1/100) + (4 \times 1/000)$ = _____

15. Order from greatest to least.   5.232 , 5.323, 5. 233

16.) Round to the nearest tenths:

    0.08 = _0.1_____   1.03 = _1.0_____

    0.97 = _1.0_____   0.06= _0.1_____

17.) Shade in the grids to find the sum of 1.43 and 0.54

18.) What is the difference between the number in question 17?   0.89

19.) The value of the underlined 5 is how many times as much as the value of the 5 that is not underlined? Explain how you know

        5̲4,592

<u>Unit 2 Study Guide for MUM</u>

1.) What is 4.338 rounded to the nearest hundredth?

$$4.3\underline{3}8 \rightarrow 4.34$$

2.) Which number completes the number sentence?

$$32.038 - ? = 12.255$$

A.) 19.873   B.) 18.783   C.) 19.783   D.) 44.293

3.) Which number is six hundred fifty two and forty-seven thousandths?

A.) 652.47   B.) 652.047   C.) 647.52   D.) 652.0047

4.) Solve:

$$5.32 + 3.9 + 8.3 = 17.52$$

5.) What is the sum of 23.49 and 5.39?   28.88

6.) The value of the 8 in 38.943 is ____10____ times the value of the 8 in 19.83

7.) Which symbol correctly compares the following decimals? < , > or =

0.8 __>__ 0.080   1.33 __>__ 1.302   0.639 __<__ .69

8.) A t-shirt was originally $12.39 and was on sale for $8.49. How much was the t-shirt marked down?

$3.90

9.) Rachel bough lunch for her and her friend. She paid $8.23 for two hamburgers and $12.39 for fries and drinks. Rachel had $25.50 in her wallet to pay for everything. How much money does she have left?

$4.88

10.) A puppy weighs 3.49 pounds and a kitten weighs 2.34 pounds. What is the total weight of the puppy and kitten rounded to the nearest tenth?

$$3.5 + 2.3 = 5.8$$

11.) Explain how to add the following 4.32 and 4.8

_____

12.) Write the following in expanded form (using multiplication) 163.921

1 x 100 + 6 x 10 + 3 x 1 + (9 x 1/10) + (2 x 1/100) + (1 x 1/1000)

13.) Which of the following could be 35 when rounded to the nearest whole number?

A.) 35.7   B.) 35.8   C.) 34.6   D.) 34.4

14.) What is the following written in standard form?

(2 x 10) + (6 x 1) + (6 x 1/100) + (4 x 1/000)   = _____ 26.064 _____

15. Order from greatest to least.   5.232 , 5.323, 5. 233

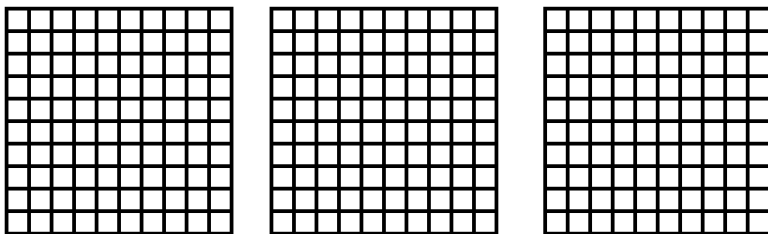5.323, 5.233, 5.232

16.) Round to the nearest tenths:

0.08 = __0.1___   1.03 = __1.0___

0.97 = __1.0___   0.06= __0.1___

17.) Shade in the grids to find the sum of 1.43 and 0.54   1.97

18.) What is the difference between the number in question 17?   0.89

19.) The value of the underlined 5 is how many times as much as the value of the 5 that is not underlined? Explain how you know

54,592   100 times greater because he underlined 5 has a value of 50,000 and the other five has a value of 500. 500 x 100 = 50,000