

Name _____ Date _____

1st Semester Review 2019-2020

1.) Write the number eight hundred fifty-four million, seven thousand, twenty-one in standard form.

2.) Write the number 2,605,931 in expanded form.

3.) Write the number 3.09 in word form and expanded form.

4.) Write the number $\frac{84}{1000}$ as a decimal in standard form. _____

5.) Write the number that is exactly 10 million, 1 hundred larger than 46,587,139 _____

6.) Write in order from least to greatest:

3.72, 3.072, 3.2, 3.702, 3.02

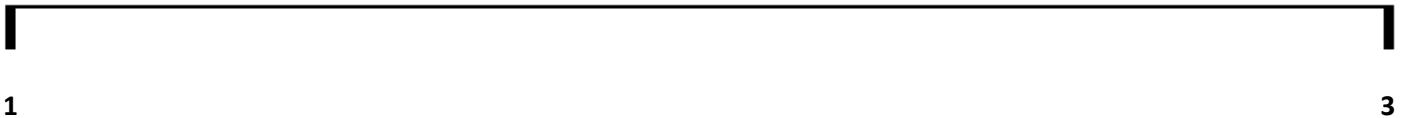
7.) Compare using <, >, or =

a.) 0.30 _____ 0.300

b.) 2.76 _____ 2.706

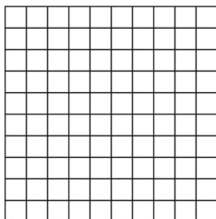
8.) Use estimation and comparison to place the following decimals on the number line below:

2.003, 1.4, 1.83, 2.9, 2.537

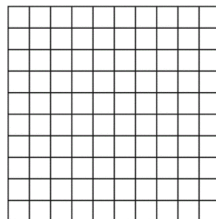


9.) Shade the given decimal or fraction below. Each picture represents one whole.

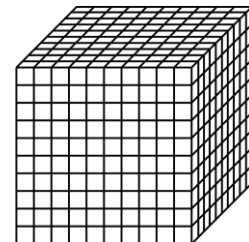
a.) 0.9



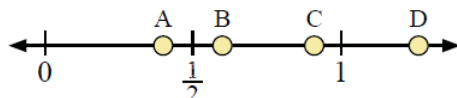
b.) 0.09



c.) 0.09



10.) Write the letter that best represents 0.4 on the number line below. _____



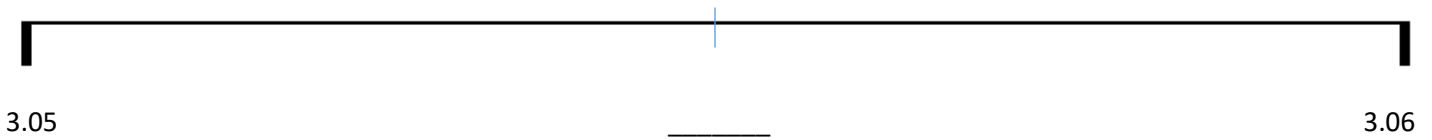
How do you know?



Scan for video tutorials



11.) Write the decimal that is exactly halfway between 3.05 and 3.06 on the number line below.



12.) List **all** the factors of 36 _____

For questions 13-14, complete a factor tree for each number. Then, write the prime factorization for the number.

<p>13.)</p> <p style="text-align: center; margin-left: 100px;">63</p> <p>_____</p>	<p>14.)</p> <p style="text-align: center; margin-left: 100px;">120</p> <p>_____</p>
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15.) $27 \times 10^3 =$ _____

16.) $500 \times 8,000 =$ _____

17.) _____ $\times 30 = 21,000$

18.) $400 \times$ _____ $= 120,000$

19.) $64 \times 38 =$ _____

20.) $384 \times 27 =$ _____

	60	4
30		
8		

Estimate and solve.

21.) $93 \times 467 =$ _____ 22.) $54 \times 39 =$ _____

23.) Estimate: $457.5 + 2.07$ _____

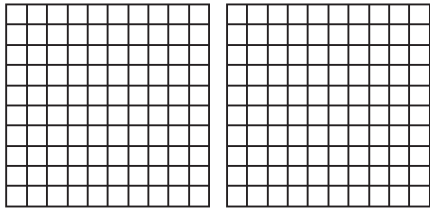
24.) Estimate: $1598.29 - 39.2$ _____

25.) Round 52.381 to the nearest tenth. _____

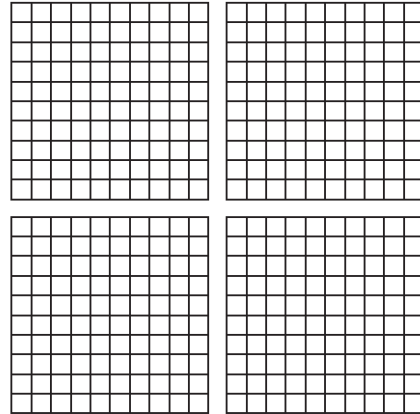
26.) Round 2.56 to the nearest whole number. _____

For questions 25-26, model each operation using decimal squares, then solve. Each 10x10 square represents one whole.

27.) $0.51 + 0.63 =$ _____



28.) $1.93 + 1.73 =$ _____



Solve. Show all work.

29.) $57 + 18.4 =$ _____

30.) $32.038 + 3.72 =$ _____

31.) $82.36 - 17 =$ _____

32.) $1000 - 5.999 =$ _____

Solve using extended division facts.

33.) $4,200 \div 700 =$ _____

34.) $24,000 \div 80 =$ _____

Estimate and solve.

35.) $8314 \div 16 =$ _____
36.) $4032 \div 4 =$ _____

37.) Union fifth graders attended a music recruitment concert in December. If there are 1173 fifth graders and a bus can hold 45 students, how many buses were needed for the field trip?

Answer: _____
(unit)

38.) GameStop is selling video games for \$9 each. If Tyler has \$40.00, how many video games can he buy?

Answer: _____
(unit)

39.) Use the data set below to find each landmark:

74, 90, 85, 100, 85, 46, 80

Mean = _____

Median = _____

Mode = _____

Range = _____

40.) Give an example of each property of addition/multiplication:

a.) Commutative Property -

b.) Associative Property -

c.) Identity Property -

41.) Use the distributive property to simplify: $2(x + 5) =$ _____