Homework for Thursday 12-6-2018

*Show your work!

*try and get as much done as you can!

page 1 and page 2 over →

Study Guide for First Semester Exam

Fall 2018

Add, subtract, multiply or divide the following decimals. Use the margins of the paper to show your scratch work. Write your final answer on the line beside each problem.

1. 6.035 + 3.4 + 5 + 0.057 = _____

2. 71 - 5.3 = _____

3. 6.04 x 5.9 = _____

4. 4.608 ÷ 1.2 = _____

5. 58.3 - 12.923 = _____

Adding and Subtracting Decimals - remember to line up your decimals.

Multiplying decimals - most digits go on top (do NOT line up decimals).

Dividing decimals - move decimal in divisor to make a whole number, move decimal in dividend the same amount then move decimal to quotient line.

Add, subtract, multiply or divide the following fractions. Use the space below each problem to show your work. Circle your final answer.

6. $\frac{8}{9} - \frac{2}{5} =$

7. $\frac{3}{4} + \frac{4}{5} =$

8. $5\frac{7}{8} + \frac{11}{4} =$

9. $4\frac{2}{7} - 2\frac{1}{5} =$

10. $\frac{4}{9} \times \frac{2}{3} =$

11. $\frac{3}{4} \times 11 =$

Adding and Subtracting Fractions:

1.) Find LCD if denominators are not the same.

2.) Convert fractions to new denominator.

3.) Add and Subtract normally.

4.) Simplify.

12. $4\frac{4}{5} \times 3\frac{2}{3} =$

Multiplying Mixed Numbers:
1. Change to improper fractions
2. Multiply straight across.
3. Simplify.

13. $2\frac{3}{4} \times 3\frac{1}{10} =$

14. $\frac{6}{7} \div \frac{8}{9} =$

Dividing Fractions:
1.) Keep to first fraction.
2.) Change to multiplication.
3.) Flip the second fraction. (reciprocal)
4.) Simplify

15. $\frac{2}{5} \div \frac{4}{7} =$

16. $5 \div \frac{4}{9} =$

17. $4\frac{1}{2} \div 2\frac{3}{8} =$

18. A package of nuts contains $14\frac{3}{8}$ cups of nuts. Each serving is $1\frac{1}{4}$ cups. How many servings does the package contain?

19. A malt shop had 4 boxes of waffle cones. They use $\frac{1}{7}$ of a box each day. How many days will it take them to use all four boxes?

20. A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used $\frac{1}{4}$ of a potato?