1. The area of a trapezoid is 516 m^2 and its height is 24m. If one side is 19m, how long is the other side?

2. 266 students are going to the zoo. They have to be divided into groups so that each teacher has one group. There are 8 teachers. How many students will be in each group? Are there any extra?

3. Estimate the division by rounding each number to the nearest ten:

89 : 13≈ _____ 16 : 12 ≈ _____

63 : 27 ≈ _____ 99 : 54 ≈_____

51 : 8 ≈ _____ 33 : 27 ≈ _____

76 : 17 ≈ _____ 78 : 22 ≈ _____

4. Craig earns $9.63 per hour working. If he works for 50 hours, how much money will Craig earn?

5. Ryan worked to earn $553.66. Kenneth worked for $7.00 hours. If he earns $8.93 per hour, how many hours did Ryan work?

6. Convert Decimal to Fraction
   1.35 =
   0.7518 =
   3.161 =

7. Convert Fraction to Decimal
   93/60 =
   5/7 =
   9/10=

8. Calculate the mean, median, mode, and range of the following set of numbers.

690;739;836;836;836;896;896;954;954

9. Peter ate 10 1/2 hot dogs each day. John ate 56 hot dogs each week. How many hot dogs did they eat together after 5 weeks?

10. 12 x (52+22) –8x3 = 6. 4^2 + (6x8) + 1063 - 33 = 7. 19^2 - (64 : 4) + 40:2 =

11. Do factor fireworks. Write math sentences using prime factors

a) 121 _____

b) 18 _____

12.

Day	Laps Run
Mon.	37
Tue.	54
Wed.	50
Thu.	60
Fri.	60

a) What is the mode of this data set?

b) What's the median number of laps run?

c) What is the average number of laps that week?

d) How many laps were run over the five days?

14. John had 35 quarters and two dimes. If he purchased a cheeseburger for $1.39 and a milk shake for $0.39, how much money did he have left?

13. Convert decimals to fractions and vice versa:

a) .4 = b) .92 = c) .1 = d) 8.9 =

e) 3/7 = f) 5/3 = g) 400/100 = h) 103/10000 =