ST CLAIRE HIGH SCHOOL - GATITU

FORM 1 TERM 1 MIDTERM BREAK 2017

MATHEMATICS ASSIGNMENT ON DECIMALS

1. Write the following decimals (i) in words (ii) as fractions
   a. 0.7
   b. 0.21
   c. 5.108
   d. 34.203

2. Write the following decimals as fractions
   a. 0.3
   b. 0.25
   c. 0.007
   d. 0.28
   e. 0.085
   f. 0.365

3. Write the following as mixed numbers in simplest form possible.
   a. 2.6
   b. 3.4
   c. 5.004
   d. 23.12

4. Express the following as fractions in their simplest forms.
   a. $0.\dot{3}$
   b. $0.\dot{6}$
   c. $0.\dot{2}$
   d. $3.\dot{3}\dot{6}$
   e. $0.2\dot{3}$
   f. $2.\dot{6}$
   g. $0.\dot{1}8\dot{5}$
   h. $1.\dot{3}1\dot{3}$

5. Write the following as (i) improper fractions (ii) mixed numbers in the simplest form
   a. 2.4
   b. 5.04
   c. 3.25
   d. $1.\dot{4}\dot{5}$
   e. $3.\dot{0}1\dot{5}$
   f. $4.\dot{4}\dot{2}$
   g. $5.2\dot{6}$
   h. $5.\dot{2}\dot{7}$

6. A rectangular flower garden measures 38.47 M by 15.75 M. Calculate the total distance round the flower garden

7. On a certain day, the highest reading on a barometer was 762.45 MM and the lowest was 758.66 MM. What is the difference between these readings?

8. A watering can holds 2.54 litres of water. How many such cans could be filled from a tank that holds 100 litres? How much water would be left over?

9. A triangular plot of land has sides of length 22.4 M, 31.5 M and 42.8 M. find the total distance around the plot.

10. A piece of wire is 18.4 CM long. If 7.4 CM is cut from it, what length of wire remains?

11. For seven consecutive days, the metrological department recorded the following amounts of rainfall: 0.5, 2.2, 0.9, 0.4, 1.6, 0.8 and 1.5 CM. find the total rainfall for the week, giving your answer to the nearest whole number.

12. The product of two numbers is 1.3403. if one of the numbers is 0.13, find the other number

13. How many whole pieces of string 9.7 CM long can be cut from 1500 CM of string?