



## ST CLAIRE HIGH SCHOOL - GATITU

### FORM 1 TERM 1 MIDTERM BREAK 2017

#### MATHEMATICS ASSIGNMENT ON DECIMALS

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- Write the following decimals (i) in words (ii) as fractions
  - 0.7
  - 0.21
  - 5.108
  - 34.203
- Write the following decimals as fractions
  - 0.3
  - 0.25
  - 0.007
  - 0.28
  - 0.085
  - 0.365
- Write the following as mixed numbers in simplest form possible.
  - 2.6
  - 3.4
  - 5.004
  - 23.12
- Express the following as fractions in their simplest forms.
  - $0.\dot{3}$
  - $0.\dot{6}$
  - $0.\dot{2}$
  - $3.\dot{3}\dot{6}$
  - $0.2\dot{3}$
  - $2.\dot{6}$
  - $0.\dot{1}8\dot{5}$
  - $1.\dot{3}1\dot{3}$
- Write the following as (i) improper fractions (ii) mixed numbers in the simplest form
  - 2.4
  - 5.04
  - 3.25
  - $1.\dot{4}\dot{5}$
  - $3.\dot{0}1\dot{5}$
  - $4.\dot{4}\dot{2}$
  - $5.2\dot{6}$
  - $5.\dot{2}\dot{7}$
- A rectangular flower garden measures 38.47 M by 15.75 M. Calculate the total distance round the flower garden
- 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?
- 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?
- 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.
- A piece of wire is 18.4 CM long. If 7.4 CM is cut from it, what length of wire remains?
- 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.
- The product of two numbers is 1.3403. if one of the numbers is 0.13, find the other number
- How many whole pieces of string 9.7 CM long can be cut from 1500 CM of string?