**MATHEMATICS - APRIL HOLIDAY ASSIGNMENT (FORM 1)**

1. If X=-2,Y=-6and Z=4 find 4XYZ(3mks)
2. By how much is the product of9/5 and 81/4greater than 5?(2mks)
3. 3/5 of the pupils in the school are boys. If there are 96girls in the school ,how many pupils are there in the school?(3MKS)
4. Evaluate$ \frac{-8×-8+6}{-3+\left(-8\right)÷2 ×4}$ (3mks)
5. $\frac{5/6of(5\frac{1}{3}-3\frac{5}{6})}{\frac{5}{12}\frac{3}{25}+1\frac{5}{9}÷2 1/3}$
6. Three tanks are capable of holding 36,84 and 90 litres of milk .Determine the capacity of the greatest vessel which can be used to fill each one of them an exact number of times(3mks)
7. Perform the following operations on a number line(2mks)

a) +5-(-2)

b) +4-(+7)

1. A student spends 1/7 of his pocket money on stationary .A third on food-stuffs and 5/8 of the remainder on transport .If he had ksh 150 left, how much pocket money did he have at the beginning?(3mks)

 9. Express each of the following numbers as a product of its prime numbers (3mks)

 a) 256

 b) 1078

 c) 81

 10. Write in figures and give the place value of the third digit in the number. Three million,seventy nine thousand, seven hundred and fifty nine (3MKS)

 11.A number k Is formed by writing all the prime numbers between 0 and 10 in ascending order .Another whole number P is formed by writing all the square numbers between 0and 10 in ascending order. Find K-P (3mks)

 12. Find the difference in value between the largest and the smallest numbers formed by digits 5, 2 and 8 (2mks)

 13.which of the following numbers is divisible by both3 and 4?

120,744, 306, 9564, 1504, 192, 86 and 36

14. The first four even numbers are written in descending order to form a number

 a) Write down the number (1mks)

 b) Find the total value of the thousands digit in the numbers(2mks)

15.The sum of three consecutive even numbers is 48. What are the smallest of these numbers(2mks)