WORK SHEET- 2
GRADE: 6
FIRST TERM EXAM, 2019-20
SUBJECT: MATHEMATICS

Fill in the Blanks

1) Multiplicative identity multiplied by 999 equals_____.
2) A number whose sum of factors is equal to twice the number is called _____
3) When the factors of a number cannot be further factorized, it is called _____
4) (-12) + _____ = 0
5) A curve that does not cut or cross itself is called _____.
6) The boundary of a figure made up of only straight lines is called _____
7) An angle which measures more than 180º but less than 360º is called _____

Choose the Correct one

1) Additive identity when added to 44 will result in _____
   a) 45 b) 44 c) 0

2) Any number divided by zero =   _____
   a) 1 b) 0   c) not defined

3) The smallest composite number is _____

   a) 1   b)2   c) 4

4) The number 12,345 is divisible by _____
    a) 3   b) 5   c) 3 and 5

5) Two bells ring at intervals of 7and 9 minutes, respectively when will they ring together?
   a) 36mins   b) 63mins   c) 72mins

Answer the Following

1) Draw angles of given measure and name them as right, acute or obtuse.
   a) 50º b) 135º   c) 90º
2) Draw a line segment XY and list 2 features of a line segment.
3) Draw a closed curve and mark the following
   a) Interior   b) Exterior   c) Boundary   d) Region
4) The LCM of two numbers is 819. If the numbers are 63 and 117, find their HCF.
5) Can you give an example of a number that is divisible by 6 but not by 2 or 3? Why?
6) Solve the following using properties of addition and multiplication:
   a) $365 + 94 + 35$
   b) 89 x 125 x 8
   c) 50 x 17 x 2
7) Express 53 as the sum of three odd primes.
8) State the divisibility rules of 2, 3 and 6.

9) Express 256 as a product of factors.
10)   Find the divisors, exact divisors and factors of 6.
11)   Find the factors of the given numbers:
   a) 68 b) 27 c) 36

12)   The population of Pune was 2,45,89,212 in the year 2003. In the year 2002 it decreased by 32,78,000. What was the total population of the city in 2002?

13)   Make three 3-digit numbers using 1, 9, and 8, using each digit only once, Check which of the numbers is divisible by 9.

14)   Find a number between 800 and 900 that is divisible by 22, 33 and 66.

15)   Use a protractor to draw angles of given measures:

   a) 35º   b) 125º   c) 170º

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