BAL BHARATI PUBLIC SCHOOL(GRHM)
CLASS VII
ASSIGNMENT NO.1
MATHEMATICS
INTEGERS
Formative Assessment-2

Q1) If the integers 12,-6, 8,-5, 7,-4, 3 are marked on the number line, the one that comes on the extreme left is:

a) 12   b) -4   c) -6   d)3

Q2)The difference in temperatures $+50^0C$ and -50^0C is:

a) 100^0C b) 0^0C c) 50^0C d)-100^0C

Q3)The integer x for which $|1-x| = 3$ **i**s:

a) 3,0   b)4,2   c) -2,3   d) 4,-2

Q4)The numbers between -30 and -15 are :

a)14   b) 15   c) 16   d) 17

Q5)Multiplicative identity for any integer a is:

a) 0   b) 1   c) a   d)$\frac{1}{a}$

Q6) Represent each of the following integers on the number line:

3 -1, 5, -4, 8, -10

Q7) The sum of two integers is (-11).If one of them is 72 ,find the other number.

Q8) Using quicker grouping, find the product of :

(a) 16x 20 x (-25)   (b) (-125) x 17 x (-8)   (c) (-50) x(-41) x12

(d) (-25) x 36 x 80   (e) (-700) x 49 + (-700)

(f) (-562) x 96 + (-562) x 4

Q9)Using suitable properties, find the value of :
   (a) -58 x 104   (b) (-279) x 1001   (c) 36 x (-99)
   (d) (-73) x 8 + 73 x (-92)   (e) 517 x (-36) + 517 x (-64)

Q10) Divide: (a) (-525) ÷(-25)   (b) (-512) ÷ 32   (c) 2352÷(-42)
          (d) (-3128) ÷34

Q11) Fill in the blanks:
   (a) 450 x 0 =_____ (b) 450 x (-1)=_____ (c) (-450) x 1=_____

   (d) (-450) x (-1)=_____ (e) 0 ÷(-20)=___ (f) (-20)÷ 1=_____

    (g) (-20)÷ (-1)=_____ (h) 20÷ (-1)=_____ (i) (-20)÷ (-1)=_____

Q12)The product of two integers is (-840). If one of them is (-70), find the other.

Q13)Simplify the following:

   (a) 120÷[18 – {20 – 3(9-5)}]   (b) 64 ÷[16 x (-3) – 2 x {17 – 25 }]

Q14) Find the value of :   (a) |-15| (b)- |-20 | (c) -50 +| -2 |

   (d) 18 - | -36| (e) 46 - |-5 |-|6|

Q15) Write : (a) Additive inverse of 0   (b)Additive inverse of 15

      (c) Additive inverse of -36.

Q16) By how much does 2 exceed (-5)?
Q17) The product of three integers is (-85). If the two integers are (-17) and (-5), find the third.
Q18) Raghu has 30 marbles. In 5 games he won 3 marbles each and in 7 games he lost 2 marbles each. Find the marbles he has at the end of the games.
Q19) Name 4 real life situations in which integers can be used.