INTEGERS

CLASS- VII   **SUBJECT-MATHS**

WORKSHEET-1

1. Find each of the following products.

a.(-25)x(-19)   b.(-70)x(-31)

2. Simplify and find the value of
   a. $5 \times \{(-6) + (-8)\}$

3. Find the sum of
   a. -489 and -324
   b. -238 and 500

4. Find the additive inverse of
   a. 256   ii. -83

5. The sum of two integer is -16. If one of them is 53 find the other.

6 The difference of an integer a and (-5) is –3 . find the value of a.

7 Fill in the blanks .
   a. (-60) –(….) = -59
   b. 53 + (-37) = (-37)+ (….)
   c. (-31) + (….) = -40
   d. (-72) +(…..) = -72

8 Write (T) for true and (F) for false.
   e. The smallest integer is zero.
   f. -10 is greater than -7.

g. The sum of two negative integer is a negative integer.

h. The sum of a negative integer and a positive integer is always a positive integer.

9 Evaluate

a) (-2) x (-2) x (-2) x ......9 times

b)   (-1) x (-1) x (-1) x ....301 times

c)   (-1) x (-1) x (-1) x ....100 times

10 Fill in the blanks.

a. (-8) x (-9) = (-9) x (...)

b. 7 x (-3) =(-3) x (....)

c. (-6) x (....) =6

d. (.....) ÷ (-18) = -5

e. (-21) x (....) = 0

11. What will be the sign of the product . if we multiply 90 negative integers and a positive integers.

12. Find the additive inverse of

a. -20   b. 10

13. Find the multiplicative inverse of

a. -6   b. 2

14. Objective Question.

1. $0 \div (-5) = ?$

a. -5   b. 0   c. no defined

2. Which of the following statement is true

a. -11>-8

b. -11<-8

c. -11 and – 8 can not be compared

15 Subtraction of integer is neither communicative nor associative show with example.

16 If a=-8 ,b=-7 ,c=6 ,verify that (a+b)+c =a+(b+c)

17 The difference of an integer a and(-6) is 4. Find the value of 4 .

18 Simplify: {-13-(-27)}+{ -25 –(-40)}