



INDIAN SCHOOL DARSAIT
DEPARTMENT OF MATHEMATICS



Subject : Mathematics	Topic6 :Integers	Date of Worksheet : 23/8/17
Resource Person:Mrs. JayalakshmiRatish	Date :	
Name of the Student : _____	Class & Division : VI	Roll Number : __

Section A - Basic Skills

- 1 Write with appropriate sign:
- (a) 5°C below 0°C temperature
 - (b) submarine is moving at a depth, eight hundred metre below the sea level
 - (c) deposit of rupees two hundred
- 2 Which integers lie between -8 and -2 ?

Section B

- 3
- (a) Subtract (-12) from 7 .
 - (b) Sum of (-9) and 15 .
 - (c) Subtract (-4) from (-10) .
- 4 Fill in the blanks:
- (a) When two positive integers are added, we get a _____ integer.
 - (b) The collection of numbers..., $-4, -3, -2, -1, 0, 1, 2, 3, 4, \dots$ is called _____.
 - (c) Every positive integer is larger than every _____ integer.
 - (d) Further a number from zero on the right, _____ is its value.
- 5 Add using number line:
- (a) $11 + (-7)$
 - (b) $(-13) + (+18)$
- 6 Compare the following pairs of numbers using $>$ or $<$.
- (a) 0 _____ -15
 - (b) -13 _____ 13
 - (c) -54 _____ -53
 - (d) -99 _____ -15
- 7 Find the sum –
- (a) $45 + (-36)$
 - (b) $-134 + (-456)$
 - (c) $99 + (-305)$
 - (d) $30 + (-25) + (-10)$
 - (e) $-50 + (-60) + 50$
 - (f) $-66 + 66$
 - (g) $70 + (-20) + (-40)$
 - (h) $0 - (-6) - 6$
- 8 Subtract:
- (a) -1249 from 5228
 - (b) 456 from -56

9 Arrange in decreasing order:

(a) 9, -2, 3, -4, -7, 11, -9

(b) -34, 5, 0, -14, -33, 14, 23, -15

10 Match the items of column 1 with that of column 2

(i) The additive inverse of + 2	(A) 0
(ii) The greatest negative integer	(B) -2
(iii) The greatest negative even integer	(C) 2
(iv) The smallest integer greater than every negative integer	(D) 1
(v) Sum of predecessor and successor of -1	(E) -1

Section C- HOTS

11 Subtract - 5308 from the sum $[(-2100) + (-2001)]$

12 Find two integers whose sum is 2 and difference is 8.