



INDIAN SCHOOL NIZWA-WORKSHEET

	MATHEMATICS	
	CH-6 Integers	
Name:_____	Date:_____	Class: VI Sec:___

I. Answer the following:

1. Write the following integers in descending order:

a) $-3, -8, 15, -20, 26, 10$

b) $+8, -16, 9, -5, -30$

2. Write 5 negative integers less than -15 .

3. Write 5 negative integers greater than -10 .

II. Write the opposite of each of the following statements:

a) Gain of 5kg _____

b) Loss of ₹360 _____

c) Won by 2 goals _____

III. Fill in the blanks using the symbol $<$, $>$ or $=$

a) -305 _____ -35

b) -16 _____ $+16$

c) -9 _____ -10

d) -45 _____ 35

e) -1 _____ 0

f) 17 _____ -25

IV. Answer the following.

1. Write the value of:

a) Successor of -10 is _____

b) Predecessor of 810 is _____

2. Simplify:

a) $300 + (-205) + (-360) + 20$

b) $729 + (-715) + (-185)$

3. Subtract

a) $-3760 - (-2890)$

b) $-149 - 356$

4. Subtract the sum of -1050 and 813 from -23 .

V. Represent the following on the number line:

a) $4 + (-3)$

b) $(-4) + 7$

VI. Find the value:

a) $+5 + (-5)$

b) $-6 + (-3)$

c) $-5 + (-3)$

d) $-11 + (+7)$

e) $+38 + (-37)$

f) $-18 + (-28)$

g) $-15 - (-16)$

h) $-7 + (-11)$

i) $-1 + (+36)$

j) $(+1) + (0) + (-2)$

k) $(-3) + (+1) + (-2)$

VII. Case Study:

Emma is hiking up a mountain. She starts at the base camp, which is at an altitude of 0 meters. During her hike:



1. She climbs up 250 meters to reach the first checkpoint.
2. Then, she descends 100 meters to cross a valley.
3. After that, she climbs another 350 meters to reach the summit.

Questions:

1. What is Emma's altitude at the first checkpoint?
2. What is her altitude after crossing the valley?
3. What is her final altitude at the summit?