

**Worksheet : 7**  
**Chapter 7: Integers****Subject: Mathematics**  
**Class: VI**

A. Choose the correct option.

1) The successor of  $-1$  is:

- a)
- $-2$
- b)
- $1$
- c)
- $0$
- d)
- $2$

2) Which of the following is true.

- a) Every positive number is larger than every negative number.
- 
- b) Zero is greater than every positive integer.
- 
- c) Zero is smaller than every negative integer.
- 
- d) Farther a number from zero to the right, smaller is its value.

3)  $(+1) + (+2) = ?$ 

- a)
- $+1$
- b)
- $+2$
- c)
- $+3$
- d)
- $-3$

4)  $(-8998) + \underline{\hspace{2cm}} = 0$ 

- a)
- $-8998$
- b)
- $0$
- c)
- $8998$
- d)
- $-1$

5) In addition and subtraction of two integers, sign of the answer depends upon

- a) Smaller number                      b) Greater number
- 
- c) Their sum                      d) Greater absolute value

B. Fill in the blanks:

1)  $(-31) + \underline{\hspace{2cm}} = 0$                       2)  $6 + \underline{\hspace{2cm}} = 2$

3)  $9 + (-3) = \dots\dots\dots$                       4)  $(-4) + \underline{\hspace{2cm}} = -19$

5)  $\underline{\hspace{2cm}} - 7 = -9$                       6)  $(-18) - \underline{\hspace{2cm}} = -8$

7)  $(-25) - \underline{\hspace{2cm}} = 90$                       8)  $(-52) + \underline{\hspace{2cm}} = 64$

C. State true or false:

- 1)  $(-75)$  is less than  $(-63)$ .
- 2)  $(-417)$  is to the left of  $(-418)$  on the number line.
- 3) The system of integers consists of natural numbers and whole numbers put together.
- 4) 3 steps to the right of  $(-3)$  is 0.

D. Answer the following.

- 1) Write the opposite of "Decrease in price by `40".
- 2) Express the following as a positive or negative integer :  
Going 50 km North
- 3) Find the value of  $(-61) - (-16)$
- 4) Write the additive inverse of  $(-479)$ .
- 5) How many steps is  $(-9)$  to the right of  $(-12)$  on the number line?
- 6) Which is greater,  $(-6+2)$  or  $(-6- 2)$  ?
- 7) Which are the smallest and biggest integers between  $(-27)$  and  $(-19)$ ?
- 8) Which number do we get on subtracting
  - i)  $(-8)$  from 0?
  - ii) 0 from  $(-23)$ ?

E . Calculate the following.

1. In a quiz, each correct answer is awarded +2 points and each wrong answer is awarded -1 point. After the first round, Peter had a score of -4 .The leading score was +5.By how many points is Peter lagging.
2. In a test, each correct answer is awarded + 4 marks and a wrong answer is awarded -2 marks. Lalitha answered 20 questions correctly and 5 questions wrongly.What is her score?

3. A pillar reaches to a height of 12 m above the ground. It has a foundation reaching to a depth of 2 m below the ground. What is total height of the pillar including the foundation?