## **MATHEMATICS**

#### CLASS - VI

# Chapter- 6

### **Integers**



- 1. Write predecessor of -5.
- 2. Write successor of -12.
- **3.** Find integer which is
  - (a) 8 steps to the right of 5
  - (c) 2 less than -2
- **4.** Find using number line

$$(a) -2 + 6$$

$$(c) -2 + (-3) + (-5)$$

- (b) 11 steps to the left of zero
- (d) 2 more than -2

$$(b) -6 + 2$$

$$(d)(-7)+(-5)$$

(b) 
$$10 + (-4)$$

- 6. The sum of two integers is 45. If one of them is -23, find the other number.
- 7. Use a number line to answer the following questions:
  - (a) Which number shall we reach if we move 5 numbers to the left of 3?
  - (b) Which number shall we reach if we move 6 numbers to the right of -3?
- 8. Subtract
  - (a) 6 from -13
  - (c) -6 from 16
- 9. Simplify:

(a) 
$$2 - 4 + 5 - (-17)$$

$$(c) -7 + (-17) + 27$$

$$(e) -60 + (-300) + 200$$

- (b) -25 from 13
- (d) -51 from -50

# We Believe in Learning

- (b) -3 5 (-19)
- (d) -16 + (-12) + 14 2
- (f) -312 + 39 + 192

- 10. Write additive inverse of -15
- 11. Compare:

(b) -41 \_\_\_ -14

- **12.** Write greatest negative integer.
- **13.** Ravi chose a number that is smaller than -7 , larger than -10 and it is even. What number did Ravi choose?
- 14. Arrange the following in decreasing order -54, -22, -29, 8, 27, 5
- 15. Evaluate:  $[\{23 (-19)\} \div 21 + \{-6 (-40)\}] \times 19$