

**CBSE Worksheet-25**  
**CLASS – VI Mathematics (Integers)**

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**Choose correct option in questions 1 to 5.**

1. Write with appropriate sign:  $15^{\circ}\text{C}$  below  $0^{\circ}\text{C}$  temperature
  - a. -15
  - b. 15
  - c. 5
  - d. -5
2.  $-1$  \_\_\_\_  $0$ 
  - a.  $>$
  - b.  $<$
  - c.  $=$
  - d. none of these
3.  $-5$  \_\_\_\_  $-7$ 
  - a.  $=$
  - b.  $<$
  - c.  $>$
  - d. none of these
4. Sum of  $(-9)$  and  $15$ .
  - a. -24
  - b. 24
  - c. -6
  - d. 6
5. Subtract  $(-12)$  from  $7$ .
  - a. 19
  - b. -19
  - c. -5
  - d. 5

**Fill in the blanks:**

6.  $(-24) + \underline{\hspace{2cm}} = 0$
7.  $-8$  \_\_\_\_  $-16$
8. The subtraction of an integer is the same as the addition of its \_\_\_\_.
9. The collection of \_\_\_\_ can be written as...,  $-5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5...$
10. Which integers lie between  $-6$  and  $-1$ ? Which is the largest integer and the smallest integer among them?
11. Represent the following numbers as integers with appropriate signs.
  - a. A submarine is moving at a depth, eight hundred metre below the sea level.
  - b. A deposit of rupees two hundred.
12. Fill in the blanks with  $>$ ,  $<$  or  $=$  sign.
  - a.  $(-3) + (-6)$  \_\_\_\_  $(-3) - (-6)$
  - b.  $(-21) - (-10)$  \_\_\_\_  $(-31) + (-11)$

**Answer key:**

1. a
2. b
3. c
4. d
5. a
6. 24
7. >
8. additive inverse
9. integers
10. -5, -4, -3, -2  
Largest integer = -2  
Smallest integer = -5
11. a. -800  
b. 200
12. a. <  
b. >