INTEGERS

1. **Write the opposite of the following:**

   (i) Loss of Rs 2000

   (ii) 60 km west of Aurangabad

   (iii) Going South

   (iv) Decrease in population

   (v) Spending Rs 130

2. **Write each of the following using appropriate sign '+' or '-'**

   (a) Gain of 2 kg Weight

   (b) Earning Rs 1740

   (c) 30^0 C above freezing point

   (d) Loss of Rs 740

   (e) Depositing Rs 1500 in a bank

   (f) 440 m below sea level

3. **Write all integers between:**

   (i) – 8 and 3

   (ii) – 2 and 6

   (iii) – 4 and -12

   (iv) 2 and 7

4. **In each of the following pairs, which number is to the right of the other on the number line?**

   (i) 5, 9

   (ii) 2, −2

5. **Write four consecutive integers just greater than −7.**

6. **Arrange the following in ascending order**

   i) 12, −9, −11, 0, 7, −2, 30

   ii) −14, 12, −5, 22, −3

7. **Arrange the following in descending order**

   i) −11, −15, 7, 0, −9

   ii) −14, 14, 3, 6, −11

8. **Find the additive inverse of each of the following integers:**

   (i) 22

   (ii) – 133

9. **Find the successor of each of the following integers:**

   (i) – 12

   (ii) 99

10. **Find the predecessor of each of the following integers:**

    (i) 0

    (ii) – 23

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