

Chapter- 14

Introduction to negative numbers

WORKSHEET

1. Fill in the blanks :

- a. Negative numbers are less than all positive numbers and zero.
- b. Greater the number negative is its opposite.
- c. A number farther from zero on the left side has — value.
- d. The opposite of 978 is -978.
- e. 19° below zero can be written -19° as integer.

2. Do as directed

- a. Arrange in ascending order : 6, 9, 0, -1, 4, -9, -3

Ans. -9, -3, -1, 0, 4, 6, 9

- b. Arrange in descending order: -9, 1, -1, 5, -5, 0, -6, 8

Ans. 9, 8, 6, 5, 1, 0, -1, -5, -9

- c. Find the opposite:

i. A profit of Rs. 890 = A loss of Rs. -890

ii. Going west = Going East

- d. Indicate by using integers:

i. 16 km below water level = 16 km above water level

ii. A loss of Rs. 1800 = A Profit of Rs. -1800

- e. Write all integers between:

i. -4 and 5 = -4, -3, -2, -1, 0, 1, 2, 3, 4, 5

ii. -8 and 3 = -8, -7, -6, -5, -4, -3, -2, -1, 0, 1, 2, 3