Name: **Grade:** **Score:**

Worksheet #3

MeandMath

INTRODUCTION TO INTEGERS

Learning goal: Students will learn to represent real-life situations involving gains, losses, heights, depths, and temperatures using integers.

1. The temperature in Leh is 10°C below zero. Represent this as an integer.

2. A lift is on the 8th floor. It goes down 12 floors. Represent its new position as an integer (taking ground floor as 0).

3. A submarine dives 750 meters below sea level. Represent this depth as an integer.

4. A cricketer lost 15 runs due to a penalty. Represent this as an integer.

5. A shopkeeper made a profit of ₹1,200. Represent this as an integer.

6. The height of a mountain peak is 8,848 meters above sea level. Represent this as an integer.

7. An account has a credit of ₹2,500 and a debit of ₹4,000. Represent the balance as an integer.

Name: **Grade:** **Score:**

Worksheet #3(Answers)

MeandMath

INTRODUCTION TO INTEGERS

Learning goal: Students will learn to represent real-life situations involving gains, losses, heights, depths, and temperatures using integers.

1. The temperature in Leh is 10°C below zero. Represent this as an integer.

Solution: -10

2. A lift is on the 8th floor. It goes down 12 floors. Represent its new position as an integer (taking ground floor as 0).

Solution: -4

3. A submarine dives 750 meters below sea level. Represent this depth as an integer.

Solution: -750

4. A cricketer lost 15 runs due to a penalty. Represent this as an integer.

Solution: -15

5. A shopkeeper made a profit of ₹1,200. Represent this as an integer.

Solution: +1200

6. The height of a mountain peak is 8,848 meters above sea level. Represent this as an integer.

Solution: +8848

7. An account has a credit of ₹2,500 and a debit of ₹4,000. Represent the balance as an integer.

Solution: -1500