

## Integers

## Topic: Word Problems

Name: Date: 

A fruit merchant earns a profit of Rs. 6 per bag of orange sold and a loss of Rs. 4 per bag of grapes sold.

1. Merchant sells 1800 bags of orange and 2500 bags of grapes. What is the profit or loss? ₹

2. What is the number of bags of oranges to be sold to have neither profit nor loss if the number of grapes bags are sold is 900 bags?

3. The sum of two integers is 116. If one of them is -79, find the other integers.

4. Taking today as zero on the number line, if the day before yesterday is 17 January, what is the date on 3 days after tomorrow?  rd Jan.

Answer the following questions as True/False.

5.  $5 - (-8)$  is the same as  $5 + 8$ .

6.  $(-9) + (-11)$  is greater than  $(-9) - (-11)$

7. When we change the order of integers, their sum remains the same.

8. Sum of two negative integers always gives a number smaller than both the integers.

9. Difference of two negative integers cannot be a positive integer.

10. We can write a pair of integers, whose sum is not an integer.

