INTEGERS
Subtopic: Recall

Section 1

1. Mark T for True and F for False

    1a. When two positive integers are added we get a positive integer.

    1b. (−10) + 3 = 10 − 3 = 7

2. Choose the correct answer.

    2a. Next three numbers in pattern given pattern is,

    15, 10, 5, 0, _____, _____, _____.

    a) 5, 10, 15

    b) 4, 5, 6

    c) -5, -10, -15

    d)-4, -5, -6

    2b. The sum of….137 and – 354 is……

    a) 223

    b) -223

    c) 491

    d) -491

3. Fill in the blanks

    3a. The additive inverse of any integer 'a' is _____.

    3b. When one positive and one negative integer are added, we take their difference and place the sign of the _____integer.

4. Match the following.

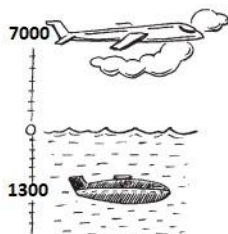| Column 1	Column 2	Answer here	
a) (− 8) + (− 4)	1) -2	a)	
b) 15 – 8 + (− 9)	2) -29	b)	
c) 23 – 41 – 11	3) - 12	c)	
d) (− 3) + 7 – (19)	4) 20	d)	
e) 36 + (− 52) – (− 36)	5) -15	e)	

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Section 2

5. Draw the number line and write the integer which is 4 more than –1.

6. Verify a – (– b) = a + b for a = 5, b = 6.

7. A plane is flying at the height of 7000 m above the sea level. At a particular point, it is exactly above a submarine floating 1300 m below the sea level. What is the vertical distance between them?
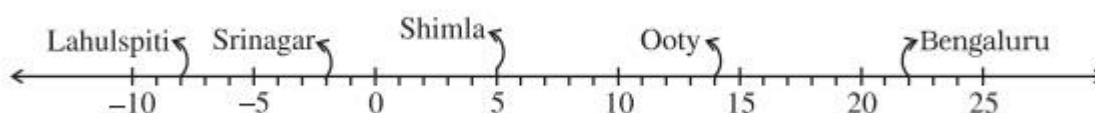

8. In a quiz, positive marks are given for correct answers and negative marks are given for incorrect answers. If Jack's scores in five successive rounds were 25, – 5, – 10, 15 and 10, what was his total at the end?

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Section 3

9. Observe the number line below and answer the questions below:

Temperature at Bangalore	
Temperature at Ooty	
Temperature at LahulSpiti	
Temperature difference between hottest and coldest places	
Can we say temperature of Srinagar and Shimla taken together is less than the temperature at Shimla?	

10. Check if the below is a magic square. (Magic square rows and column total to same sum)

1	−10	0
−4	−3	−2
−6	4	−7