VASISHTHA GENESIS SCHOOL, BARDOLI

(Academic Session: 2025-26)

Date: _____ Class: 6 Div: Roll No: _____ Sub: Maths

Name: _____ Ch – 10 Worksheet (Half Yearly)

Ch-10 The Other Side of Zero

Q1. Write the opposite of the following integers:

(i) (-9) (ii) (109)

Q2. Compare the following integers using <, >, or = :

(i) 48 _____ *50* (ii) -15 _____ -15

(iii) -8 _____ 8 (iv) -1 _____ 0

Q3. Find the absolute value of the following integers:

(i) (-49) (ii) (57)

Q4. Arrange the following integers in ascending and descending order

(i) $6,\ -9, 14, -12\ , 56, -29,\ 0$

(i) $-6,\ 9, -14, 12\ , -56, 29,\ 0, -10, 5, -72$

Q5. If the sum of two integers is -80 and one of them is -90, then find the other integer.

Q6. Find the sum of $(-10) + (-61)$ and $(-70) + 31$

Q7. The sum of two integers is -70. If one of the integers is 36, find the other.

Q8. Subtract the sum of -850 and 1250 from the sum of -878 and -1222

Q9. Simplify the following integers:

(i) $(-55) + (-61) - (-11)$	(ii) $50 - (-5) + (-61) - 8 + (-11)$
(iii) 10 – 6 – (–5) – 12 + 8	(iv) – 5 – (–9) + 15 + (–2) + 3
(v) 90 – 2[10 + (15 – 10)]	(vi) 25 – [4 + {14 – 2 – (–4)}]

Q.10 Find the sum of following integers:

(i) (-7) + (-9) + 4 – 16	(ii) (-2) + (-8) + 9

Q11. Subtract the following integers:

(i) -31 from 50.	(ii) 50 from -31.

Q12. Two cyclist starts from the same point on a mountain along the road. One travels 1300 m down the mountain along the road in 20 minutes and other travels 570 m up the mountain along the road in the same time. How far are they from each other after 20 minutes?