



ACADEMIC YEAR 2022-23

Worksheet No. 1

Subject: MATHEMATICS

Grade: VII

Date: 01.05.2022

1. Compute each of the following:

- (a) $30 + (-25) + (-10)$ (b) $(-20) + (-5)$
(c) $70 + (-20) + (-30)$ (d) $-50 + (-60) + 50$
(e) $1 + (-2) + (-3) + (-4)$ (f) $0 + (-5) + (-2)$
(g) $0 - (-6) - (+6)$ (h) $0 - 2 - (-2)$

2. Write a pair of integers whose sum gives

- (a) a negative integer (b) zero
(c) an integer smaller than both the integers.
(d) an integer smaller than only one of the integers.
(e) an integer greater than both the integers.

3. Evaluate each of the following:

- (a) $(-30) \div 10$ (b) $50 \div (-5)$
(c) $(-36) \div (-9)$ (d) $(-49) \div (49)$
(e) $13 \div [(-2) + 1]$ (f) $0 \div (-12)$
(g) $(-31) \div [(-30) + (-1)]$ (h) $[(-36) \div 12] \div 3$
(i) $[(-6) + 5] \div [(-2) + 1]$

4. At Srinagar temperature was -5°C on Monday and then it dropped by 2°C on Tuesday. What was the temperature of Srinagar on Tuesday? On Wednesday, it rose by 4°C . What was the temperature on this day?
5. Arrange the following integers in the ascending order : $-2, 1, 0, -3, +4, -5$
6. A plane is flying at the height of 5000 m above the sea level. At a particular point, it is exactly above a submarine floating 1200 m below the sea level. What is the vertical distance between them?