



Note: Think and Answer

Name:

Date:

Areas of Improvement:

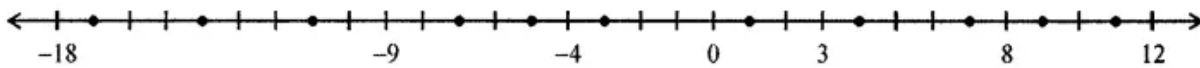
Maximum Marks	14
Marks Obtained	
%	

Parent's Signature	Parent's Signature



Q1. Some integers are marked on the following number line:

[0.5 × 3 = 1.5]



- (i) Write these integers in ascending order.
- (ii) Write these integers in descending order.
- (iii) Few dots have been marked on the above number line. Write an appropriate integer at each dot.

Q2. In a quiz, positive marks are given for correct answers, and negative marks are given for incorrect answers. If Rohit's scores in five successive rounds were 15, -3, -7, 12, and 8, what was his total at the end?

[1 × 1 = 1]

Q3. Evaluate the following:

[0.5 × 3 = 1.5]

- (i) $|-13| - |9|$
- (ii) $|13 - 5| - |-9|$
- (iii) $|35 - 21| - |8 - 3|$

Q4. Verify the following: (any one)

[1 × 1 = 1]

- (i) $37 \times [6 + (-3)] = 37 \times 6 + 37 \times (-3)$
- (ii) $(-21) \times [(-6) + (-4)] = (-21) \times (-6) + (-21) \times (-4)$

Q5. Find the sum of integers -72, 237, 84, 72, -184, -37.

Q6. $7 - 8 \div (-2) + 3 \times (-4)$

[1 × 1 = 1]

Q7. Use the sign $>$, $<$ or $=$ in the box to make the following statements true: [1 × 4 = 4]

- (i) $(-11) + (-7)$ $(-11) - (-7)$
- (ii) $23 - 41 + 11$ $23 - 41 - 11$
- (iii) $40 - (-39) + (-5)$ $40 + (-39) - (-5)$
- (iv) $(-3) + 13 - (15)$ $25 - (-2) + (-33)$

Q8. In a quiz, team A scored -30, 20, 0 and team B scored 20, 0, -30 in three successive rounds. Which team scored more? Can we say that we can add integers in any order?

[1 × 2 = 2]

Q9. Verify that $(a \div b) \div c \neq a \div (b \div c)$ for $a = -225$, $b = 15$ and $c = -3$.

[1 × 2 = 2]