

KENDRIYA VIDYALAYA SIKAR

Home assignment for summer vacation

Subject – Mathematics

Class – VII

- Q1. In addition and subtraction of two integers , sign of the answer depends upon
(a) Smaller number (b) Their difference (c) Their sum (d) Greater numerical value
- Q2. Sum of two negative number is always
(a) Positive (b) Negative (c) 0 (d) 1
- Q3. Sum of two Positive number is always
(a) Negative (b) Positive (c) 1 (d) 0
- Q4. Sum of -36 and 29 is
(a) -65 (b) 65 (c) -7 (d) 7
- Q5. Sum of -19 and -21 is
(a) -40 (b) 40 (c) 2 (d) -2
- Q6. Which of the following statement is false:
(a) $-7 + (-6) = -13$ (b) $-5 + 1 = 4$ (c) $2 + (-1) = 1$
(d) $8 + (-9) = -1$
- Q7. The pair of integers whose sum is -5
(a) $1, -4$ (b) $-1, 6$ (c) $-3, -2$ (d) $5, 0$
- Q8. What integers or number should be added to -5 to get 4
(a) 1 (b) -1 (c) -9 (d) 9
- Q9 . What will be the additive inverse of -5
(a) -6 (b) -4 (c) 3 (d) 5
- Q10. What will be the additive inverse of 7
(a) -7 (b) -6 (c) -5 (d) -4

- Q11. Predecessor of -9 is
 (a) -8 (b) 8 (c) -10 (d) 10
- Q12. Successor of -1 is
 (a) -2 (b) 0 (c) 1 (d) 2
- Q13. The value of $6 - (-3)$ is
 (a) 3 (b) -9 (c) -3 (d) 9
- Q14. The value of $26 - 30$ is equal to
 (a) 4 (b) -4 (c) -56 (d) 56
- Q15. Which of the following statement is true
 (a) $7 - 4 = 4 - 7$ (b) $7 - 4 > 4 - 7$ (c) $7 - 4 < 4 - 7$ (d) $7 - 4 = -3$
16. If we denote the height of a place above sea level by a positive integer and depth below the sea level by a negative integer, write the following using integers with the appropriate signs:
 (a) 200 m above sea level (b) 100 m below sea level
 (c) 10 m above sea level (d) sea level
17. Write the opposite of each of the following:
- (a) Decrease in size (b) Failure
 - (c) Profit of Rs.10 (d) 1000 A.D.
 - (e) Rise in water level (f) 60 km south
 - (g) 10 m above the danger mark of river Ganga
 - (h) 20 m below the danger mark of the river Brahmaputra
 - (i) Winning by a margin of 2000 votes
 - (j) Depositing Rs.100 in the Bank account
 - (k) 20°C rise in temperature.
18. Temperature of a place at 12:00 noon was $+5^{\circ}\text{C}$. Temperature increased by 3°C in first hour and decreased by 1°C in the second hour. What was the temperature at 2:00 pm?
19. Write the digits 0, 1, 2, 3, ..., 9 in this order and insert '+' or '-' between them to get the result 3.
20. Write the integer which is its own additive inverse.
21. Write six distinct integers whose sum is 7.
22. Write the integer which is 4 more than its additive inverse.
23. Write the integer which is 2 less than its additive inverse.
24. Write two integers whose sum is less than both the integers.
25. Write two distinct integers whose sum is equal to one of the integers.
26. Using number line, how do you compare (a) two negative integers? (b) two positive integers? (c) one positive and one negative integer?

27. Observe the following : $1 + 2 - 3 + 4 + 5 - 6 - 7 + 8 - 9 = -5$

28. Change one '-' sign as '+' sign to get the sum 9.

29. Arrange the following integers in the ascending order : $-2, 1, 0, -3, +4, -5$

30. Arrange the following integers in the descending order : $-3, 0, -1, -4, -3, -6$

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HOLIDAYHOMEWORK

CLASS VII, ENGLISH

Q. 1 Write your self introduction in about a page, Paste your Photo also.

Q. 2 To show your creativity , write two pictorial stories of your choice with suitable moral and title.

Q. 3 Write three short paragraphs on the topic of your choice in about 120 words.

Q. 4 Write 3 applications to your school Principal on the following subjects.

(i) To change your section

(ii) To take Transfer Certificate

(iii) To take books from your school library

Q. 5 Write three notices under the following headings

(i) Loss of Wrist watch

(ii) To participate in a debate competition

(iii) To invite names of volunteers for your school Eco-club

HOLIDAY HOMEWORK

SUB: SOCIAL SCIENCE

Class: 7

Assignment

1. Map Work: prepare a map book having all maps in geography and history book (you can paste political map in copy and fill).
2. Project work: make a project on Assam including its history, geography, vegetation, national park, famous persons, industries, players.
3. Try to plant trees, bird feeders and other with the help of parents. Going outside is not permitted. Only use water material.
4. Complete any pending work.

KENDRIYA VIDYALAYA SIKAR
SUMMER VACATION HOMEWORK
CLASS- VII
SUBJECT- SCIENCE

1. Prepare an action plan about how you shall work to minimize the harmful effect of the environment.

Use the clue to complete the report: -

Forest areas has been cut to make buildings. The area is facing a number of problems like increase in cases where lions and tigers have become man-eaters.

So also the chemical nature of the soil is changing.

150 words.

2. During summer season we need to use water judiciously.

Very often you find taps are leaking, water is flowing from, pipelines etc.....

i. Collect some pictures and news headlines and paste it.

ii. Suggest some ways to preserve water at home. Minimum 5 points.



3. Write different ways of saving energy in your daily life. (Collect 15 points in creative manner)

Examples

I. Use of LED BULB



LED	CFL	Incandescent
Avg Life: 25,000 Hrs	Avg Life: 8,000 Hrs	Avg Life: 1,200 Hrs
No Mercury	Mercury	No Mercury
6-8 Watts	13-15 Watts	60 Watts
Uses 84% less energy	Uses 75% less energy	90% energy lost to heat

II Open door and window for ventilation (Fan and AC off if no required)

