

CLASS – VII

Maths

Date:-14/04/2020

➔ First watch the online videos of Maths – “Rational Number- Integers” from Optimum Online E-Learning Platform and try to comprehend the concepts of integers. After that try to solve the questions given in your assignment.

1. Divide 324 by -27.
2. Find the value of $[32 + 2 \times 17 + (-6)] \div 15$.
3. Fill in the blanks: $____ \div 567 = -1$
4. Simplify: $(-5) - (-48) \div (-16) + (-2) \times 3$.
5. Solve: $22 - \frac{1}{4} \{-5 - (-48) \div (-16)\}$.
6. What should be divided by 6 to get -18?
7. If $x \div 29 = 0$, then $x = ?$
8. Verify $a - (-b) = a + b$ for the following values of a and b. $a = 21$ and $b = 18$, $a = 28$ and $b = 11$
9. A plane is flying at a height of 5000 m above sea level. At a particular point, it is exactly above a submarine floating 1200 m below sea level. What is the vertical distance between them.
10. Write a pair of negative integers whose difference gives 8.
11. In a quiz, team A scored, 40, 10, 0 and team B scored 10, 0, -40 in three successive rounds. Which team scored more. Can we say that we can add integers in any order.
12. Starting from $(-1) \times 5$, write various products showing some pattern to show $(-1) \times (-1) = 1$.
13. Replace the blank with an integer to make it a true statement : $_____ \times (-12) = 132$.

14. An elevator descends into a mine shaft at the rate of 6m per minute. If the descent starts at 10 m above the ground level, how long will it take to reach -350 m.

15. Find the sum : $13/17 + 35/27$

16. Simplify : $9/5 - 12/7 + 2/5$

17. What should be added to $15(2/3)$ to get $18(5/6)$.

18. Find the difference : $3(3/10) - 2(7/15)$

19. Milk is sold at Rs $16(3/4)$ per liter. Find the cost of $7(2/5)$ litres of milk.

20. Nine boats are stacked on top of each other. The thickness of each boat is $11/3$ cm. How high is the stack?



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