



MATHS

BOOKS - RD SHARMA MATHS (HINGLISH)

WHOLE NUMBERS

All Questions

1. Write down the smallest natural number.



Watch Video Solution

2. Write down the smallest whole number.



Watch Video Solution

3. Write down, if possible, the largest natural number.



Watch Video Solution

4. Write down, if possible, the largest whole number.



Watch Video Solution

5. Are all natural numbers also whole numbers?



Watch Video Solution

6. Are all whole numbers also natural numbers?



Watch Video Solution

7. Give successor of each of the following whole numbers: 1000909 (ii) 2340900
(iii) 7039999



Watch Video Solution

8. Write down the predecessor of each of the following whole numbers: 10000 (ii)
807000 (iii) 7005000



Watch Video Solution

9. Represent the following numbers on the number line: 2, 0, 3, 5, 7, 11, 15



Watch Video Solution

10. How many whole numbers are there between 21 and 61?



Watch Video Solution

11. Fill in the blanks with appropriate symbol <

or > : 25 ... 205

(ii) 170 ... 107

(iii)

415 ... 514



Watch Video Solution

12. Fill in the blanks with appropriate symbol $<$

or $>$: 10001 ... 100001 (ii) 2300014 ...

2300041



Watch Video Solution

13. Arrange the following numbers in descending order: 925, 786, 1100, 141, 325, 886,

0, 270



Watch Video Solution

14. Write the largest number of 6 digits and the smallest number of 7 digits. Which one of these two is larger and by how much?



Watch Video Solution

15. Write down three consecutive whole numbers just preceding 8510001.



Watch Video Solution

16. Write down the next three consecutive whole numbers starting from 4009998



Watch Video Solution

17. Give arguments in support of the statement that there does not exist the largest natural number.



Watch Video Solution

18. The smallest natural number is (a) 0 (b) 1
(c) -1 (d) None of these



Watch Video Solution

19. The smallest whole number is 0 (b) 1 (c) -1
(d) None of these



Watch Video Solution

20. The predecessor of 1 in natural number is 0

(b) 2 (c) -1 (d) None of these



Watch Video Solution

21. The predecessor of 1 in whole number is 0

(b) -1 (c) 2 (d) None of these



Watch Video Solution

22. The predecessor of 1 million is 9999 (b)

99999 (c) 999999 (d) 1000001



Watch Video Solution

23. The successor of 1 million is 10001 (b)

100001 (c) 1000001 (d) 10000001



Watch Video Solution

24. The product of the successor and predecessor of 99 is 9800 (b) 9900 (c) 1099 (d) 9700



[Watch Video Solution](#)

25. The product of a whole number (other than zero) and its successor is an even number (b) an odd number divisible by 4 (d) divisible by 3



[Watch Video Solution](#)

26. The product of the predecessor and successor of an odd natural number is always divisible by 2 (b) 4 (c) 6 (d) 8



Watch Video Solution

27. The product of the predecessor and successor of an even natural number is:
divisible by 2 (b) divisibly by 3 (c)
divisible by 4 (d) an odd number



Watch Video Solution

28. The successor of the smallest prime number is 1 (b) 2 (c) 3 (d) 4



Watch Video Solution

29. If x and y are co-primes, then their LCM is 1
(b) $\frac{x}{y}$ (c) xy (d) None of these



Watch Video Solution

30. The HCF of two co-primes is (a) the smaller number (b) the larger number (c) product of the number (d) 1



Watch Video Solution

31. The smallest number which is neither prime no composite is 0 (b) 1 (c) 2 (d) 3



Watch Video Solution

32. The product of any natural number and the smallest prime is an even number (b)
an odd number a prime number (d)
None of these



Watch Video Solution

33. Every counting number has an infinite number of (a) factors (b) multiples
prime factors (d) none of these



Watch Video Solution

34. The product of two numbers is 1530 and their HCF is 15. the LCM of these numbers is 102 (b) 120 (c) 84 (d) 112



Watch Video Solution

35. The least number divisible by each of the numbers 15, 20, 24 and 32 is 960 (b) 480 (c) 360 (d) 640



Watch Video Solution

36. The greatest number which divides 134 and 167 leaving 2 as remainder in each case is
14 (b) 19 (c) 33 (d) 17



Watch Video Solution

37. Which of the following numbers is prime number? 91 (b) 81 (c) 87 (d) 97



Watch Video Solution

38. If two numbers are equal, then (a) their LCM is equal to their HCF (b) their LCM is less than their HCF (c) their LCM is equal to two times their HCF (d) None of these



Watch Video Solution

39. a and b are two co-primes. Which of the following is/are true? $\text{LCM}(a, b) = a \times b$ (b) $\text{HCF}(a, b) = 1$ Both (a) and (b) (d) Neither (a) nor (b)





Watch Video Solution