



MATHS

BOOKS - JNAN PUBLICATION

Square Root

Example

1. 441 oranges were picked from Nisar's fruit garden. Oranges are to be kept in basket. Each basket will contain as many organes as there are number of baskets. Let's calculate to find numbers of basket.



2. Today morning I arranged the books in the almirah of my room. In each shelf I arranged books equal to the number of shelves of almirah. But 5 books remained out of the almirah. If toral number of book are 86, Let's find the number of shelves of the almirah.

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3. Let's find the value of the following- (i) square 7 =











16. Let's find square root by finding factors. (v) 576



18. Let's find square root by finding factors. (vii) 900

19. let's find, if 108, are square numbers or not. If not, let us find the smallest whole number other than '0' with which these should be multiplided or divided to give a square number.



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20. let's find, if 64, are square numbers or not. If not, let us find the smallest whole number other than '0' with which these should be multiplided or divided to give a square number.



21. let's find, if 81, are square numbers or not. If not, let us find the smallest whole number other than '0' with which these should be multiplided or divided to give a square number.

0

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22. Apart from 0, by which least whole number the

following numbers must be divided to get square

number- (a) 845

23. Apart from 0, by which least whole number the following numbers must be divided to get square number- (b) 450

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24. Apart from 0, by which least whole number the following numbers must be divided to get square number- (c) 18 × 6

25. Apart from 0, by which least whole number the following numbers must be divided to get square number- (d) 25 × 35

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26. By which least whole number apart from 0, the following numbers will be multiplied to give a square number. (a) 432

27. By which least whole number apart from 0, the following numbers will be multiplied to give a square number. (b) 588

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28. By which least whole number apart from 0, the following numbers will be multiplied to give a square number. (c) 25×6

29. By which least whole number apart from 0, the following numbers will be multiplied to give a square number. (d) 24 ×28

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30. The product of two positive whole numbers is 98 and the greater number is twice the smaller number. Lets find the two numbers.



31. Let's find which least square number has a factor

17.



32. The product of two positive numbers is 147, The

greater number is 3 times the smaller number. Let's

find the numbers.



33. Arrange the following in ascending order of there

vaue.

 $(\sqrt{36}+\sqrt{25}),\,(\sqrt{49}+\sqrt{9}),\,(\sqrt{25}+\sqrt{100}),\,\sqrt{4}+\sqrt{16}$

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34. Of three positive numbers, the product of, first and second is 24, second and third is 48, and that of first and third is 32, Let's find the three numbers.

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35. To find the square number nearest to 2000.

36. Let's find the square number nearest to 1000.

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37. Let's find, the least number that will be subtracted

from 9586 to give a square number.



38. Let's find what least number must be added to

5320 to make it a perfect square.



39. Let's find the least square number of 4 digits.



42. Find the square root of the following by the

method of divison. (ii) 529



44. Find the square root of the following by the method of divison. (iv) 784



45. Find the square root of the following by the

method of divison. (v) 1024

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46. Find the square root of the following by the method of divison. (vi) 1225

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47. Find the square root of the following by the method of divison. (vii) 961





method of divison. (ix) 900

50. Find the square root of the following by the method of divison. (x) 1764
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51. Without finding square root, let us find the

possible digits in units place and number of digits in

the square root number. (a) 784



52. Without finding square root, let us find the possible digits in units place and number of digits in



53. Without finding square root, let us find the possible digits in units place and number of digits in the square root number. (c) 160000



54. Without finding square root, let us find the possible digits in units place and number of digits in the square root number. (d) 1225



55. Without finding square root, let us find the possible digits in units place and number of digits in the square root number. (e) 2401



56. Without finding square root, let us find the possible digits in units place and number of digits in the square root number. (f) 10201



57. Let's find two square numbers nearest to 5000.

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58. The product of two positive numbers is 1575 and their quotient is 9/7, let's find the numbers.
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59. What number will * be in 202*, so that it becomes

a square number.

