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India's Number 1 Education App

## MATHS

## BOOKS - JNAN PUBLICATION

## SQUARE ROOT FOR FRACTION

Example

1. Let's square the following fractions:
$\frac{4}{5}$
2. Let's square the following fractions:

6
$\overline{7}$

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3. Let's square the following fractions:
$\frac{4}{7}$

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4. Let's square the following fractions:

11
12

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5. Let's find square root of the following.
$\frac{16}{25}$

D Watch Video Solution
6. Let's find square root of the following. $\frac{9}{64}$

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7. Let's find square root of the following. 36
$\overline{121}$
(D) Watch Video Solution
8. Let's find square root of the following.

144
$\overline{169}$

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9. Let's find square root of the following.

225
$\overline{289}$

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10. Let's find the least positive integer which
will multiply the given fractions to make them
perfect square fraction.
$\frac{64}{147}$

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11. Let's find the least positive integer which
will multiply the given fractions to make them perfect square fraction. 25
$\overline{162}$
12. Let's find the least positive integer which will multiply the given fractions to make them perfect square fraction.

100
$\overline{128}$

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13. Let's find the least positive integer which will multiply the given fractions to make them
perfect square fraction.
$\frac{81}{288}$

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14. Let's find the least positive integer which will divided the given fraction to make them perfect square fraction. $\frac{450}{625}$

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15. Let's find the least positive integer which will divided the given fraction to make them perfect square fraction. 320
121

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16. Let's find the least positive integer which
will divided the given fraction to make them perfect square fraction.
$\frac{245}{64}$
17. Let's find the least positive integer which
will divided the given fraction to make them perfect square fraction.

243
$\overline{144}$

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18. The area of a square is $\frac{1089}{625}$ sq. cm. Let's find the length of its side.
19. Find the square root of the following
fractions.
$3 \frac{22}{49}$

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20. Find the square root of the following
fractions.
361
1225
21. Find the square root of the following fractions.
$6 \frac{433}{676}=\frac{4489}{676}$.

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22. Find the square root of the following
fractions.
$1 \frac{496}{729}$

D
23. Find the square root of the following fractions. 324 $\overline{576}$

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24. With what should the square root of $\frac{121}{169}$ be multiplied to give 1 . Let's find.

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25. Two positive number are such that one is twice the other. The product of these two numbers is $1 \frac{17}{32}$. Let's find the numbers.

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26. Let's find a fraction, which when multiplied
by itself gives $6 \frac{145}{256}$

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27. By which fraction should $\frac{49}{91}$ be multiplied, so that the square root of the product is 1 . Let's find.

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28. Let's find which fraciton should $\frac{35}{42}$ be multiplied to that the square root of the product is 2.
29. Let's find the least positive itneger which when multiplies $\frac{9}{50}$ marks it a perfect square.

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30. The product of two positive numbers is $\frac{14}{15}$ and their quotient is $\frac{35}{24}$. Lets find the numbers.

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31. The product of two positive numbers is $\frac{16}{50}$ and their quotient is $\frac{1}{2}$, Let's find the numbers.

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32. 

$\sqrt{\sqrt{\frac{9}{64}}+\sqrt{\frac{25}{64}}}$ let's find its value

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33. 

$\sqrt{\frac{1}{4}}+\sqrt{\frac{1}{9}}-\sqrt{\frac{1}{16}}-\sqrt{\frac{8}{8}}$. Let's find the value.

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34. Arrange the following in the descending order of their magnitude.
$\sqrt{\frac{1}{16}}, \sqrt{\frac{1}{25}}, \sqrt{\frac{1}{36}}, \sqrt{\frac{1}{49}}$

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35. Find the square root of the following
fractions.
$3 \frac{22}{49}$

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36. Let's find the square roots of the following
fractions.
$7 \frac{57}{256}$
(D) Watch Video Solution
37. Let's find the square roots of the following
fractions.
1089
$\overline{2025}$

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38. Let's find the square roots of the following
fractions.
$3 \frac{814}{1225}=\frac{4489}{1225}$

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39. Let's find the value of the square of the following decimal numbers.
0.7

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40. Let's find the value of the square of the following decimal numbers.
0.16
41. Let's find the value of the square of the following decimal numbers.
0.08

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42. Let's find the value of the square of the following decimal numbers.
0.05
43. By consting the number of digits after the decimal point, Let's identify the square decimal numbers from the following decimal numbers.
22.5

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44. By consting the number of digits after the decimal point, Let's identify the square decimal numbers from the following decimal
numbers.
1.44

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45. By consting the number of digits after the decimal point, Let's identify the square decimal numbers from the following decimal numbers.
62.5
46. By consting the number of digits after the decimal point, Let's identify the square decimal numbers from the following decimal numbers.
12.1

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47. Let's find the square root of the following decimal numbers.
4.41
48. Let's find the square root of the following decimal numbers.
`2.25

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49. Let's find the square root of the following decimal numbers.
`2.25

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50. Let's find the square root of the following decimal numbers.
$` 0.0484$

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51. Let's find the square root of the following decimal numbers by the method of division.
0.000256

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52. Let's find the square root of the following decimal numbers by the method of division. 0.045369

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53. Let's find the square root of the following decimal numbers by the method of division.
1.0609
54. Let's find the square root of the following decimal numbers by the method of division.
75.69

## D Watch Video Solution

55. The area of the square is 32.49 sq.cm. Let's
find the length of one ride of the square.

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56. Let's find the length of one of a square whose area is equal to the sum of two rectangles of areas 2.1214 sq.m. and 2.9411 sq.cm.

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57. Let's calculate what must be added to 0.28 so that the square root of the sum is 1 .
58. Let's find the square root of the product 0.162 and 0.2

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59. Let's calcualate the value of
$\sqrt{240.25}+\sqrt{2.4025}+\sqrt{0.024025}$

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60. If the two squares of areas 1.4641 sq.m. and
1.0609 sq.m. Let's find which one has a bigger
side and by how much it is big.

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61. The sum of the squares of 0.4 and 0.3 is the
squares of which number, let's find

## D Watch Video Solution

62. Let's find the square root of the following by the method of division 2.56

## D Watch Video Solution

63. Let's find the square root of the following by the method of division 4.84

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64. Let's find the square root of the following by the method of division 5.76

## D Watch Video Solution

65. Let's find the square root of the following by the method of division 6.76
( Watch Video Solution
66. Let's find the square root of the following by the method of division 0.045369

D Watch Video Solution
67. Let's find the square root of the following by the method of division 0.000169
( Watch Video Solution
68. Let's find the square root of the following by the method of division 76.195441

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69. Let's find the square root of the following by the method of division 170.485249

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70. Let's find the square root of the following by the method of division 5505.64

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71. Let's find the decimal number which when multiply by itself gives product as 20.25.

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72. Let's find which decimal number to be added to 0.75 so that square root of the sumb will be 2.

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73. Let's find, which decimal number to be subtracted from 48.09 , so that square root of the result is 5.7.
74. Let's find the least decimal number that must subtracted from 0.000328 to make it is a square decimal number (upto 6 decimal place).

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75. Let's find the approximate value of the

## following

$\sqrt{6}$ (upto 3 decimal places).

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76. Let's find the approximate value of the following
$\sqrt{8}$ (upto 2 decimal places).

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77. Let's find the approximate value of the following
$\sqrt{11}$ (upto 2 decimal places)

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78. Let's find the approximate value of the following
$\sqrt{12}$ (upto 2 decimal places).

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79. Let's find arpoximate value of $\sqrt{15}$ upto 2 places of decimal. Let's then square this approximate value to find how big or less it is from 15.
