



MATHS

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SQUARE ROOT FOR FRACTION



1. Let's square the following fractions:

 $\frac{4}{5}$



4. Let's square the following fractions:

 $\frac{11}{12}$



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







 $\frac{144}{169}$



9. Let's find square root of the following. $\frac{225}{289}$



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.

 $\frac{25}{162}$





12. Let's find the least positive integer which will multiply the given fractions to make them perfect square fraction.

100

128

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13. Let's find the least positive integer which will multiply the given fractions to make them



14. Let's find the least positive integer which

will divided the given fraction to make them

perfect square fraction.

450

625

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.

245

64





17. Let's find the least positive integer which will divided the given fraction to make them perfect square fraction. $\frac{243}{144}$ **C** Watch Video Solution



fractions.

 $3\frac{22}{49}$

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20. Find the square root of the following fractions.361

1225

fractions.

$$6rac{433}{676} = rac{4489}{676}.$$

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22. Find the square root of the following

fractions.

$$1\frac{496}{729}$$

23. Find the square root of the following fractions. $\frac{324}{576}$ Watch Video Solution

24. With what should the square root of $\frac{121}{169}$

be multiplied to give 1. Let's find.



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.



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

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



28. Let's find which fraciton should $\frac{35}{42}$ be multiplied to that the square root of the product is 2.





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

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



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

33.

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

value.



34. Arrange the following in the descending

order of their magnitude.

$$\sqrt{\frac{1}{16}}, \sqrt{\frac{1}{25}}, \sqrt{\frac{1}{36}}, \sqrt{\frac{1}{49}}$$

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

36. Let's find the square roots of the following

fractions.

$$7\frac{57}{256}$$

fractions.

1089 2025

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38. Let's find the square roots of the following

fractions.

 $3\frac{814}{1225} = \frac{4489}{1225}$

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

0.7



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



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



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

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



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

0.045369



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

decimal numbers by the method of division.

1.0609

decimal numbers by the method of division.

75.69



55. The area of the square is 32.49 sq.cm. Let's

find the length of one ride of the square.



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



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.



61. The sum of the squares of 0.4 and 0.3 is the

squares of which number, let's find



by the method of division 2.56

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

by the method of division 4.84

by the method of division 5.76

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

by the method of division 6.76

by the method of division 0.045369

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

by the method of division 0.000169

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

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.

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



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).

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)

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.



