



MATHS

BOOKS - JNAN PUBLICATION

Multiplication And Division of Decimal Fraction By Whole Number And Decimal Fraction

Example

1. The side of a square is 5.2 cm. Let's find its perimeter and area.



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2. Find value : (i) 6.2×3.1



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3. Find value : (ii) 11.3×7.3



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4. Find value : (iii) 11.25×7.3



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5. Find value : (iv) 0.03×0.3



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6. Find value : (v) 0.04×0.04



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7. Today Chumki and Hapiza are making different designs with coloured ribbons. Sayan and Siby are helping them in their work. So they bought 10.5 m of red ribbon, 64 m of green ribbon and 31.25 m of white ribbons. find the total length of ribbons?



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8. If 64 m long green ribbon is made into piece of length 8 m each then find the number of pieces?



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9. Again, 31.25 , m long white ribbon is made into piece of length 0.25 m each. find number of pieces?



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10. Let us convert $\frac{7}{8}$ into decimal fraction.



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11. Let's take $\frac{7}{4}$ in decimal fraction.



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12. A 45 cm long copper wire is bent to form a square. Let's find the length of one side of the square.





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13. Mithu wants to buy 4 exercise books. If exercise book costs Rs. 12.75, let's find how much money Mithu will need.



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14. Rajinabibi built a house in 0.35 part of her land. She cultivated flowers in 0.2 part of the remaining land. Let's find what part of her land did she cultivated flowers.



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15. I have Rs. 150. With 0.3 part of my money I bought exercise books and with 0.4 part I bought a story book. Let me find, what amount of money is left with me.



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16. Today, we shall travel a distance of 94.5 km. If 0.078 litre of petrol is used per kilometer,

let's calculate the total amount of petrol required.



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17. Alisha's brother took 1.4 hours to reach Shibpur Launch pier (ghat) from his house in a cycle. If the speed of his cycle is 11.5 km per hour, then let us calculate the distance of Shibpur Launch pier Alisha's house.



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18. My mother asked me to buy 2.5 kg of pulse. The cost of 1 kg of pulse is Rs. 62.50. Let me calculate how much money I must carry to the shop.



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19. The perimeter of an equilateral triangle is 14.4 cm. Let's find the length of the side of the equilateral triangle in decimal fraction.



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20. Let's Multiply (i) 0.7×0.9



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21. Let's Multiply (ii) 0.6×0.5



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22. Let's Multiply (iii) 0.02×0.2



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23. Let's Multiply (iv) 0.67×0.39



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24. Let's Multiply (v) 0.52×0.43



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25. Let's Multiply (vi) 0.07×0.97



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26. Let's Multiply (vii) 6.23×2.51



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27. Let's Multiply (viii) 5.77×2.93



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28. Let's Multiply (ix) 8.23×0.3



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29. Let's Multiply (x) 82.03×0.06



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30. Let's Multiply (xi) 85.29×3.92



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31. Let's Multiply (xii) 72.2×2.65



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32. Let's Multiply (xvi) $0.2 \times 0.06 \times 0.3$



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33. Let's Multiply (xvii) $2.14 \times 0.4 \times 0.9$



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34. Let's Multiply (xviii) $1.21 \times 0.5 \times 5.2$



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35. Let's Multiply (xix) 3.06×100



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36. Let's Multiply (xx) 7.92×1000



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37. Arrange the following in the descending order (bigger to smaller) of their values. (i) 0.5×0.3 , 0.5 , 0.3



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38. Arrange the following in the descending order (bigger to smaller) of their values. (ii) 0.6×0.7 , 0.6 , 0.7



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39. Arrange the following in the descending order (bigger to smaller) of their values. (iii) 0.9×0.2 , 0.9 , 0.2





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40. Arrange the following in the descending order (bigger to smaller) of their values. (iv)

0.4×0.8 , 0.4 , 0.8



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41. Arrange the following in the descending order (bigger to smaller) of their values. (v) 1.2

$\times 1.5$, 1.2 , 1.5



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42. Arrange the following in the descending order (bigger to smaller) of their values. (vi)

2.3×2.4 , 2.3 , 2.4



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43. Arrange the following in the descending order (bigger to smaller) of their values. (vii)

6.7×7.2 , 6.7 , 7.2



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44. Arrange the following in the descending order (bigger to smaller) of their values. (viii)

$$8.2 \times 1.9, 8.2, 1.9$$



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45. Let's find values in decimal numbers----(i)

$$0.625 \div 5$$



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46. Let's find values in decimal numbers----(ii)

$$0.627 \div 3$$



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47. Let's find values in decimal numbers----(iii)

$$0.343 \div 7$$



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48. Let's find values in decimal numbers----(iv)

$$651.2 \div 4$$



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49. Let's find values in decimal numbers---(v) 7

$$\div 3.5$$



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50. Let's find values in decimal numbers---(vi)

$$18 \div 0.2$$



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51. Let's find values in decimal numbers---(vii)

$$28.8 \div 1.2$$



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52. Let's find values in decimal numbers---(viii)

$$11.7 \div 1.3$$



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53. Let's find values in decimal numbers----(ix)

$$1.35 \div 1.5$$



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54. Let's find values in decimal numbers----(x)

$$0.65 \div 0.5$$



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55. Let's find values in decimal numbers----(xi)

$$0.07 \div 05$$



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56. Solve (a) $2.50 \times 5 + 3.25 \times 6$



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57. Solve (b) $3.75 \times 8 - 2.50 \times 3$



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58. Solve. (c) 22.50×3.50



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59. solve (d) $13.75 \times 2 + 12.50 \times 3$



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60. Let's find the values of the following simplification : (i) $13.28 - 4.07 + 2.7 \times 0.02$



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61. Let's find the values of the following simplification : (ii) $\{45.85 - (6.29 + 15.06)\} \div 5$



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62. Let's find the values of the following simplification : (iii) $(7.8 - 7.8 \times 0.2) \div 1.2$



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63. Let's find the values of the following simplification : (iv) $0.35 \times 0.35 + 0.15 \times 0.15 + 2 \times 0.35 \times 0.15$



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64. Let's find the values of the following simplification : (v) $\{(4 - 2.07) \times 2.5\} \div 1.93$



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