



MATHS

BOOKS - RD SHARMA MATHS (ENGLISH)

DECIMALS

Others

1. Which is greater of 48.23 and 39.35?



Watch Video Solution

2. Write the following decimals in ascending order: 5.64, 2.54, 3.05, 0.259 and 8.32



[Watch Video Solution](#)

3. Express the following decimals as fractions in lowest form:

(i) 0.05

(ii) 3.75



[Watch Video Solution](#)

4. Express the following decimals as fractions in lowest form:

(i) 0.004

(ii) 5.066



[Watch Video Solution](#)

5. Express the following fractions as decimals:

(i) $\frac{2}{10}$ (ii) $\frac{1359}{1000}$ (iii) $7\frac{1}{2}$ (iv) $9\frac{1}{4}$ (v) 12

$\frac{1}{8}$



[Watch Video Solution](#)

6. Express the following fractions as decimals.

(i) $\frac{23}{10}$

(ii) $25\frac{1}{8}$

(iii) $39\frac{7}{35}$

(iv) $15\frac{1}{25}$



Watch Video Solution

7. Add: 15.44, 7.524 and 25

A. 47.904

B. 27.96

C. 47.964

D. 47.977

Answer: C



Watch Video Solution

8. Aakash bought vegetables weighing 10 kg. Out of this 3 kg 500 g is onion, 2 kg 75 g is tomato and the rest is potato. What is the weight of potato?



Watch Video Solution

9. Simplify: $36.54 - 15.79 + 85.2 - 57.615$



[Watch Video Solution](#)

10. Write each of the following as decimals: (i)

$\frac{8}{100}$ (ii) $20 + \frac{9}{10} + \frac{4}{100}$ (iii)

$$23 + \frac{2}{10} + \frac{6}{1000}$$



[Watch Video Solution](#)

11. Convert each of the following into fractions in the lowest form: (i) 0. 04 (ii) 2. 34



Watch Video Solution

12. Convert each of the following into fractions in the lowest form: (i) 0. 342 (ii) 17. 38



Watch Video Solution

13. Express the following fractions as decimals:

(i) $\frac{23}{10}$ (ii) $25\frac{1}{8}$



Watch Video Solution

14. Express the following fractions as decimals:

(i) $39\frac{7}{35}$ (ii) $15\frac{1}{25}$



Watch Video Solution

15. Add the following: (i)

41. 8, 39. 24, 5. 01 *and* 62. 6 (ii)

18. 03, 146. 3, 0. 829 *and* 5. 324



Watch Video Solution

16. Find the value of: (i) $9.756 - 6.28$ (ii)

$48.1 - 0.37$



Watch Video Solution

17. Find the value of:

(i) $108.032 - 86.8$

(ii) $100 - 26.32$



Watch Video Solution

18. Take out 3.547 from 7.2



Watch Video Solution

19. What is to be added to 36.85 to get 59.41 ?



[Watch Video Solution](#)

20. What is to be subtracted from 17. 1 to get 2. 051 ?



[Watch Video Solution](#)

21. By how much should 34. 79 be increased to get 70. 15 ?



[Watch Video Solution](#)

22. By how much should 59. 71 be decreased to get 34. 58?



Watch Video Solution

23. Find the following products: (i) $27. 05 \times 10$
(ii) $429. 7 \times 100$ $31. 09 \times 1000$



Watch Video Solution

24. Find each of the following products:

(i) 3.25×12

(ii) 0.524×15

(iii) 0.0275×17



Watch Video Solution

25. Find the product of 9.2 and 6.07



Watch Video Solution

26. Multiply 0. 0345 *by* 0. 0237



Watch Video Solution

27. Find the value of: (i) 3.45×10 (ii)

0.25×10000



Watch Video Solution

28. Find the value of: (i) 1000×5.29 (ii)

10000×0.01



Watch Video Solution

29. Multiply 7.43 *by* 14.1



Watch Video Solution

30. Find the product 0.008×0.74



Watch Video Solution

31. Find the area of a rectangle whose length is 5.7 cm and breadth is 3.5 cm.



Watch Video Solution

32. A two wheeler covers a distance of 55.4 km in one litre of petrol. How much distance will it cover in 7.5 litres of petrol?



Watch Video Solution

33. If 1 kg of pure milk contains 0.245 kg of fat.

How much fat is there is 14.4 kg of milk?



Watch Video Solution

34. Find the product? (i) 4.74×10 (ii)

0.45×10



Watch Video Solution

35. Find the product? (i) 0.0215×10 (ii)

0.0054×10



Watch Video Solution

36. Find the product? (i) 35.853×100 (ii)

42.5×100



Watch Video Solution

37. Find the product? (i) 12.075×100 (ii)

100×0.005



Watch Video Solution

38. Find the product? (i) 2.506×1000 (ii)

20.708×1000



Watch Video Solution

39. Find the product? (i) 0.0529×1000 (ii)

1000×0.1



Watch Video Solution

40. Find the product? (i) 3.4×17 (ii)

0.745×12



Watch Video Solution

41. Find the product? (i) 28.73×47 (ii)

0.0415×59



Watch Video Solution

42. Find: (i) 1.07×0.02 (ii) 211.9×1.13



Watch Video Solution

43. Find: (i) 10.05×1.05 (ii) 13.01×5.01



Watch Video Solution

44. Find the area of a rectangle whose length is 5.5 m and breadth is 3.4 m.



Watch Video Solution

45. If the cost of a book is Rs. 25.75, find the cost of 24 such books.



Watch Video Solution

46. A car covers a distance of 14.75 km in one litre of petrol. How much distance will it cover in 15.5 litre of petrol?



Watch Video Solution

47. One kg of rice costs Rs 42.65. What will be the cost of 18.25 kg of rice?



Watch Video Solution

48. One metre of cloth costs Rs 152.50. What is the cost of 10.75 metre of cloths?



Watch Video Solution

49. Divide: (i) 12.75 by 10 (ii) 127.5 by
100



Watch Video Solution

50. Divide: (i) 1275.7 by 1000

(ii) 0.58 by

10



[Watch Video Solution](#)

51. Divide: (i) 3.52 by 100

(ii) 6.25 by

1000



[Watch Video Solution](#)

52. Divide 93.45 by 15



[Watch Video Solution](#)

53. Divide 8.28 by 12



[Watch Video Solution](#)

54. Divide 0.6204 by 5



[Watch Video Solution](#)

55. Divide 28.82 by 20



[Watch Video Solution](#)

56. Divide 48.08 by 400



[Watch Video Solution](#)

57. Divide 163.44 by 24



[Watch Video Solution](#)

58. Divide 3.28 by 0.4



[Watch Video Solution](#)

59. Divide 42.8 by 0.02



[Watch Video Solution](#)

60. Divide 0.00942 by 0.314



[Watch Video Solution](#)

61. Divide 0.0216 by 0.6



[Watch Video Solution](#)

62. Divide 0.0024 by 0.04



[Watch Video Solution](#)

63. Divide 6.9168 by 52.4



[Watch Video Solution](#)

64. Divide 1391 by 1.3



[Watch Video Solution](#)

65. Divide 42 by 16



[Watch Video Solution](#)

66. Divide (i) 3 by 8

(ii) 3 by 80



[Watch Video Solution](#)

67. The cost of 24 pens is Rs 2986.80. Find the cost of one pen.



Watch Video Solution

68. A car covers a distance of 89.1 km in 2.2 hours. What is the average distance covered by the car in 1 hour?



Watch Video Solution

69. Mrs Jain bought 14.5 litre of refined oil for Rs 1194.80. Find its cost per litre,



Watch Video Solution

70. The product of two decimals is 1.8576. If one of the decimals is 0.54, find the other.



Watch Video Solution

71. Divide: (i) 142.45 by 10

(ii) 54.25 by

10



Watch Video Solution

72. Divide: (i) 3.45 by 10

(ii) 0.57 by 10



Watch Video Solution

73. Divide: (i) 0.043 by 10

(ii) 0.004 by 10



Watch Video Solution

74. Divide: (i) 459.5 by 100

(ii) 74.3 by

100



Watch Video Solution

75. Divide: (i) 5.8 by 100

(ii) 0.7 by 100



Watch Video Solution

76. Divide: (i) 0.48 by 100

(ii) 0.03 by

100



Watch Video Solution

77. Divide: (i) 235.41 by 1000

(ii) 29.5 by

1000



Watch Video Solution

78. Divide:

(i) 3.8 by 1000

(ii) 0.7 by 1000



Watch Video Solution

79. Divide:

(i) 0.45 by 9

(ii) 217.44 by 18



Watch Video Solution

80. Divide:

(i) 319.2 by 2.28

(ii) 40.32 by 9.6



Watch Video Solution

81. Divide:

(i) 0.765 by 0.9

(ii) 0.768 by 1.6



Watch Video Solution

82. Divide:

(i) 16.64 by 20

(ii) 0.192 by 12



Watch Video Solution

83. Divide:

(i) 163.44 by 24

(ii) 403.2 by 96



Watch Video Solution

84. Divide:

(i) 16.344 by 12

(ii) 31.92 by 228



Watch Video Solution

85. Divide:

(i) 15.68 by 20

(ii) 164.6 by 200



Watch Video Solution

86. Divide:

(i) 76 by 0.019

(ii) 88 by 0.08



Watch Video Solution

87. Divide:

(i) 148 by 0.074

(ii) 7 by 0.014



Watch Video Solution

88. Divide:

(i) 20 by 50

(ii) 8 by 100



Watch Video Solution

89. Divide:

(i) 72 by 576

(ii) 144 by 15



Watch Video Solution

90. A vehicle covers a distance of 43.2 km in 2.4 litres of petrol. How much distance will it travel in 1 litre of petrol?



Watch Video Solution

91. The total weight of some bags of wheat is 1743 kg. If each bag weight 49.8 kg, how many bags are there?



Watch Video Solution

92. Shikha cuts 50 m of cloth into pieces of 1.25 m each. How many pieces does she get?



Watch Video Solution

93. Each side of a regular polygon is 2.5 cm in length. The perimeter of the polygon is 12.5 cm. How many sides does the polygon have?



Watch Video Solution

94. The product of two decimals is 42.987. If one of them is 12.46, find the other.



Watch Video Solution

95. The weight of 34 bags of sugar is 3483.3 kg. If all bags weight equally, find the weight of each bag.



Watch Video Solution

96. How many buckets of equal capacity can be filled from 586.5 litres of water, if each bucket has capacity of 8.5 litres?



Watch Video Solution

97. When 0.48 is written in the simplest form of its terms, the sum of its numerator and denominator is

(a) 148

(b) 74

(c) 37

(d) 147



Watch Video Solution

98. The improper fraction $2\frac{1}{25}$ in decimal form is

(a) 2.4

(b) 2.04

(c) 2.004

(d) None of these



Watch Video Solution

99. $4 + 4.4 + 44.4 + 4.04 + 444 =$

(a) 500.84

(b) 577.2

(c) 495.22

(d) 472.88



Watch Video Solution

100. 1.04 as an improper fraction is

(a) $1\frac{1}{5}$

(b) $1\frac{2}{5}$

(c) $1\frac{1}{25}$

(d) $1\frac{2}{25}$



Watch Video Solution

101. If $24.125 = 24 + \frac{A}{10} + \frac{B}{100} + \frac{C}{1000}$,

then $A + B + C =$

(a) 3

(b) 6

(c) 13

(d) 8



Watch Video Solution

$$102.0.002 \times 0.5 =$$

(a) 0.0001

(b) 0.001

(c) 0.01

(d) 1



Watch Video Solution

$$103.3 \times 0.3 \times 0.03 \times 0.003 \times 30 =$$

(a) 0.0000243

(b) 0.000243

(c) 0.00243

(d) 0.0243



Watch Video Solution

104. $0.012 \times 0.15 =$

(a) 0.8

(b) 0.08

(c) 0.008

(d) 0.0018



Watch Video Solution

105. $75.57 \div 0.01 =$

(a) 7557

(b) 0.7557

(c) 755.7

(d) 7.557



Watch Video Solution

106. What should be subtracted from 0.1 to get 0.06?

(a) 0.4

(b) 0.04

(c) 0.004

(d) None of these



[Watch Video Solution](#)

107. What should be added to 5.09 to get 5.5?

(a) 0.41

(b) 0.59

(c) 0.49

(d) 0.95



[Watch Video Solution](#)

108. $0.3 \times 0.3 \times 0.3 =$

(a) 2.7

(b) 0.27

(c) 0.027

(d) None of these



Watch Video Solution

109. $0.25 \times 0.8 =$

(a) 0.02

(b) 0.2

(c) 0.002

(d) 2



[Watch Video Solution](#)

110.5 kg 5 g written in decimal notation is

(a) 5.5

(b) 5.05

(c) 5.005

(d) 5.0005



[Watch Video Solution](#)

111. $0.012 \div 1.5 = ?$

A. 0.8

B. 0.08

C. 0.008

D. none of these

Answer: C



Watch Video Solution

112. $0.02 \times 0.05 =$

(a) 0.1

(b) 0.01

(c) 0.001

(d) 0.0001



Watch Video Solution

113. $5 \text{ km } 5 \text{ m} = ?$

(a) 5.5 km

(b) 5.05 km

(c) 5.005 km

(d) 5.0005 km



[Watch Video Solution](#)

114. The value of $2.2 \times 0.2 \times 0.001$ is

(a) 4.2

(b) 0.00044

(c) 4.4

(d) None of these



[Watch Video Solution](#)

115. If $14 \times 4 = 56$, then $0.014 \times 4 =$

(a) 0.56

(b) 5.6

(c) 0.056

(d) None of these



Watch Video Solution

116. 8 ml is equal to (a) 0.8 L (b)

0.08 L (c) 0.008 L (d) None of these



Watch Video Solution

