



MATHS

BOOKS - MBD

DECIMALS

Example

1. Write the numbers shown below in the table?



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2. Write the following decimals in the place value table:

19.4



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3. Write the following decimals in the place value table:

0.3



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4. Write the following decimals in the place value table:

10.6



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5. Write the following decimals in the place value table:

205.9



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6. Write each of the following as decimals:

7tenths



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7. Write each of the following as deimals:

Two ten,9 tenths



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8. Write each of the following as deimals:

Fourteen point six



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9. Write each of the following as deimals:

One hundred and 2 ones



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10. Write each of the following as decimals:

Six hundred point eight.



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11. Write each of the following as decimals,

$$\frac{5}{10}$$



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12. Write each of the following as decimals,

$$3 + \frac{7}{10}$$



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13. Write each of the following as decimals,

$$200 + 60 + 5 + \frac{1}{10}$$



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14. Write each of the following as decimals,

$$70 + \frac{8}{10}$$



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15. Write each of the following as decimals,

$$\frac{88}{10}$$



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16. Write each of the following as decimals,

$$4\frac{2}{10}$$



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17. Write each of the following as decimals,

$$\frac{3}{2}$$



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18. Write each of the following as decimals,

$$\frac{2}{5}$$



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19. Write each of the following as decimals,

$$\frac{12}{5}$$



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20. Write each of the following as decimals,

$$3\frac{3}{5}$$



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21. Write each of the following as decimals,

$$4\frac{1}{2}$$



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22. Write the following decimals as fractions. Reduce the fractions to lowest form:

0.6.



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23. Write the following decimals as fractions. Reduce the fractions to lowest form:

2.5



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24. Write the following decimals as fractions. Reduce the fractions to lowest form:

1.0



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25. Write the following decimals as fractions. Reduce the fractions to lowest form:

3.8



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26. Write the following decimals as fractions. Reduce the fractions to lowest form:

13.7



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27. Write the following decimals as fractions. Reduce the fractions to lowest form:

21.2



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28. Write the following decimnals as fractions.Reduce the fractions to lowest form:

6.4.



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29. Express the following as cm using decimals:

2mm



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30. Express the following as cm using decimals:

30 mm



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31. Express the following as cm using decimals:

116 mm



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32. Express the following as cm using decimals:

4cm 2 mm



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33. Express the following as cm using decimals:

11 cm 52 mm



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34. Express the following as cm using decimals:

83 mm.



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35. Between which two whole numbers on the number line are the given numbers? Which whole number is nearer the number?

0.8



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36. Between which two whole numbers on the number line are the given numbers? Which whole number is nearer the number?

5.1

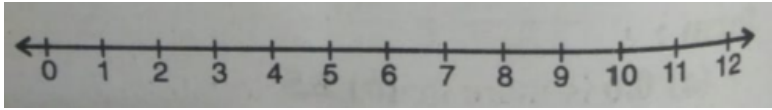


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37. Between which two whole numbers on the number line are the given numbers? Which

whole number is nearer the number?

2.6



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38. Between which two whole numbers on the number line are the given numbers? Which whole number is nearer the number?

6.4



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39. Between which two whole numbers on the number line are the given numbers? Which whole number is nearer the number?

9.0



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40. Between which two whole numbers on the number line are the given numbers? Which

whole number is nearer the number?

4.9



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41. Show the following decimal numbers on the number line

0.2



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42. Show the following decimal numbers on the number line

1.1



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43. Show the following decimal numbers on the number line

1.1



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44. Show the following decimal numbers on the number line

2.5



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45. Write the decimal number represented by the points on the given number line:A,B,C,D.



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46. The length of Ramesh's notebook is 9 cm 5 mm. What will be its length in cm?



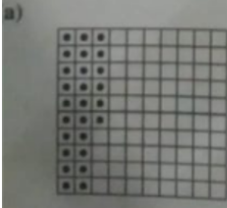
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47. The length of a young gram plant is 65 mm. Express its length in cm.



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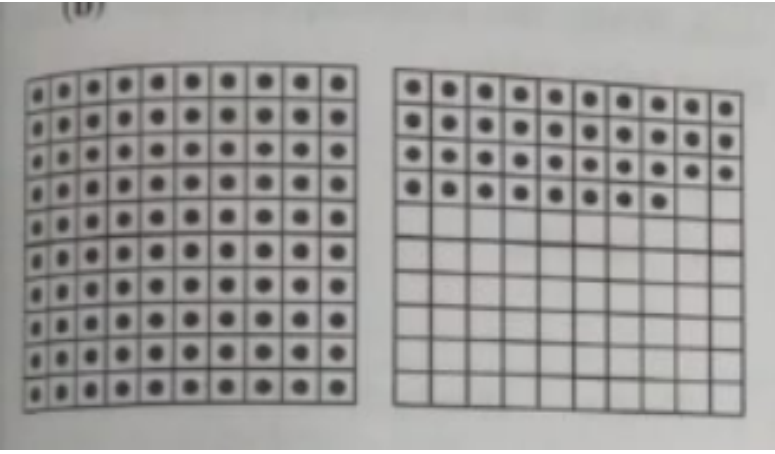
48. Complete the table and use decimals to write the number.



	Ones	Tenth	Hundredth	Number
(i)				
(ii)				
(iii)				

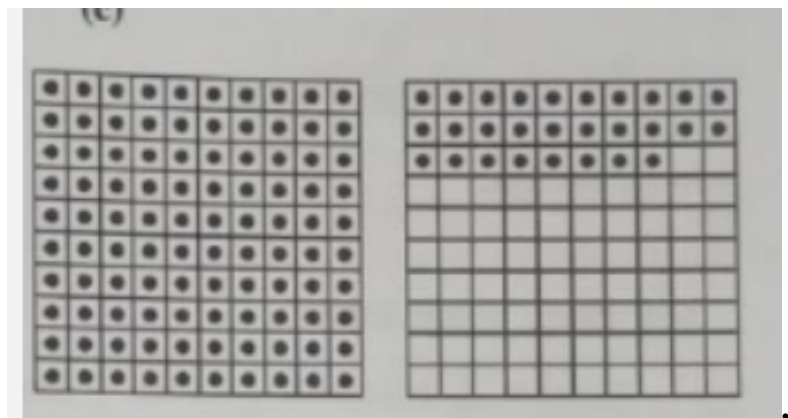
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49. Complete the table and use decimals to write the number.



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50. Complete the table and use decimals to write the number.



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51. Write the numbers in the following place value table in decimal form?



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52. Write the following decimals in the place value table:

0.29



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53. Write the following decimals in the place value table:

2.08



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54. Write the following decimals in the place value table:

19.60



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55. Write the following decimals in the place value table:

148.32



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56. Write the following decimals in the place value table:

200.812



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57. Write each of the following as decimals:

$$20 + 9 + \frac{4}{10} + \frac{1}{100}.$$



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58. Write each of the following as decimals:

$$137 + \frac{5}{100}$$



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59. Write each of the following as decimals:

$$\frac{7}{10} + \frac{6}{100} + \frac{4}{1000}$$



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60. Write each of the following as decimals:

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



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61. Write each of the following as decimals:

$$700 + 20 + 5 + \frac{9}{100}.$$



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62. Write each of the following decimals in words:

0.03



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63. Write each of the following decimals in words:

1.20



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64. Write each of the following decimals in words:

108.56



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65. Write each of the following decimals in words:

10.07



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66. Write each of the following decimals in words:

0.032



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67. Write each of the following decimals in words:

5.008.



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68. Between which two whole numbers on the number line does each of the given number lie?

0.06



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69. Between which two whole numbers on the number line does each of the given number lie? Which point is nearer to the number?

0.45



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70. Between which two whole numbers on the number line does each of the given number lie? Which point is nearer to the number?

0.19





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71. Between which two whole numbers on the number line does each of the given number lie? Which point is nearer to the number?

0.66



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72. Between which two whole numbers on the number line does each of the given number lie? Which point is nearer to the number?

0.92



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73. Between which two whole numbers on the number line does each of the given number lie? Which point is nearer to the number?

0.57.



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74. Write as fractions in lowest terms:

0.60



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75. Write as fractions in lowest terms:

0.50



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76. Write as fractions in lowest terms:

0.75



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77. Write as fractions in lowest terms:

0.18



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78. Write as fractions in lowest terms:

0.25



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79. Write as fractions in lowest terms:

0.125



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80. Write as fractions in lowest terms:

0.066



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81. Add the two decimal fractions 5.16 and 4.84.



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82. 32.65 and 32.49. Which is greater?



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83. Which is greater? Give reason for your answer.

0.3 or 0.4



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84. Which is greater? Give reason for your answer.

0.07 or 0.02



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85. Which is greater? Give reason for your answer.

3 or 0.8



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86. Which is greater? Give reason for your answer.

0.5 or 0.05



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87. Which is greater? Give reason for your answer.

1.23 or 1.2



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88. Which is greater? Give reason for your answer.

0.099 or 0.19



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89. Which is greater? Give reason for your answer.

1.5 or 1.50



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90. Which is greater? Give reason for your answer.

1.431 or 1.490



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91. Which is greater? Give reason for your answer.

3.3 or 3.300



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92. Which is greater? Give reason for your answer.

5.64 or 5.603



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93. Which is greater? Give reason for your answer.

Make 5 more examples and find the greater number from them.



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94. Write 2 rupees 5 paise and 2 rupees 50 paise in decimals?



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95. Write 20 rupees 7 paise and 21 rupees 75 paise in decimals.



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96. Can you write 4 mm in cm using decimal?



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97. How will you write 7 cm 5 mm in cm using decimals?





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98. Can you now write 52m as km using decimals. How will you write 340 m as km using decimals? How will you write 2008 m in km?



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99. Can you now write 450 g as kg using decimals?



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100. How will you write 2 kg 9 g in kg using decimals?



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101. Express as Rupees using decimals:

5 paisa



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102. Express as Rupees using decimals:

75 paise



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103. Express as Rupees using decimals:

20 paise.



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104. Express as Rupees using decimals:

50 Rupees 90 paise



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105. Express as Rupees using decimals:

725 paise.



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106. Express as m using decimals:

15 cm



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107. Express as m using decimals:

6 cm



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108. Express as m using decimals:

2m 45 cm



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109. Express as m using decimals:

9 m 7cm



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110. Express as m using decimals:

419 cm



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111. Express as cm using decimals:

5 mm



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112. Express as cm using decimals:

60 mm



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113. Express as cm using decimals:

164 mm



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114. Express as cm using decimals:

9 c m 8 mm



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115. Express as cm using decimals:

93 mm



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116. Express as km.using decimals

8 m



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117. Express as km.using decimals

88m



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118. Express as km.using decimals

8888 m



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119. Express as km.using decimals

70 km 5 m



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120. Express as Kg. using decimals:

2 g



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121. Express as Kg. using decimals:

100 g



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122. Express as Kg. using decimals:

3750 g



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123. Express as Kg. using decimals:

5 kg 8 g



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124. Express as Kg. using decimals:

26 kg 50 g



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125. Find

$0.29 + 0.36$



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126. Find

$$0.7 + 0.08$$



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127. Find

$$1.54 + 1.80$$



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128. Find

$$2.66 + 1.85$$



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129. Find the sum in each of the following :

$$0.007 + 8.5 + 30.08$$



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130. Find the sum in each of the following :

$$15 + 0.632 + 13.8$$



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131. Find the sum in each of the following :

$$27.076 + 0.55 + 0.004$$



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132. Find the sum in each of the following :

$$25.65 + 9.005 + 3.7$$



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133. Find the sum in each of the following :

$$0.75 + 10.425 + 2$$



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134. Find the sum in each of the following :

$$280.69 + 25.2 + 38$$



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135. Rashid spent Rs.35.75 for Maths book and Rs.32.60 for science book. Find the total amount spent by Rashid.



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136. Radhika's mother gave her Rs 10.50 and her father gave her Rs.15.80, find the total amount given to Radhika by the parents.



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137. Nasreen bought 3 m 20 cm cloth for her shirt and 2m 5 cm cloth bought for her trouser. find the total length of cloth bought by her.



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138. Naresh walked 2 km 35 m in the morning and 1 km 7 m in the evening .How much distance did he walk in all?



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139. Sunita travels 15 km 268 m by bus,7 km 7 m by car and 500 m by foot in order to reach her school.How far is her school from her residence ?



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140. Ravi purchased 5 kg 400 g rice, 2 kg 20 g sugar and 10 kg 850 g atta. Find the total weight of his purchases.



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141. Subtract 1.85 from 5.46.



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142. Subtract 5.25 from 8.28.



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143. Subtract 0.95 from 2.29.



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144. Subtract 2.25 from 5.68.



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145. Subtract:

Rs.18.25 from Rs. 20.75



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146. Subtract:

202.54 m from 250 m



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147. Subtract:

Rs. 5.36 from Rs 8.40



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148. Subtract:

2.051 km from 5.206 km



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149. Subtract:

0.314 kg from 2.107 kg.



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150. Find the value of

$9.756 - 6.28$



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151. Find the value of

$$21.05 - 15.27$$



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152. Find the value of

$$18.5 - 6.79$$



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153. Find the value of

$$11.6 - 9.847$$



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154. Raju bought a book for Rs 35 . 65 .He gave Rs 50 to the shopkeeper. How much money did he get back from the shopkeeper?



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155. Rani had Rs 18.50. She bought one ice-cream for Rs. 11.75. How much money does she have now?



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156. Tina had 20 m 5 cm long cloth. She cuts 4 m 50 cm length of cloth from this for making a curtain. How much cloth is left with her?



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157. Namita travels 20 km 50 m every day. Out of this she travels 10 km 200 m by bus and the rest by auto. How much distance does she travel by auto?



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158. Aakash bought vegetables weighing 10 kg. Out of this 3 kg 500 g is onions, 2 kg 75 g is tomatoes and the rest is potatoes. What is the weight of the potatoes?



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Exercise

1. Write the following numbers in the place value tables:

20.5



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2. Write the following numbers in the place value tables:

4.2



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3. Can you now represent the following numbers as decimal?

Hundreds (100)	Tens (10)	Ones (1)	Tenths $\left(\frac{1}{10}\right)$
5	3	8	1
2	7	3	4
3	5	4	6



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4. Write each of the following as decimals:

Two ones and 5 tenths



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5. Write each of the following as decimals:

Thirty and one tenths.



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6. Write each of the following as a decimal:

$$30 + 6 + \frac{2}{10}$$



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7. Write each of the following as a decimal:

$$600 + 2 + \frac{8}{10}.$$



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8. Write $\frac{3}{2}$, $\frac{4}{5}$, $\frac{8}{5}$ in decimal notation.



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9. Given the place value table, write the number in decimal form:



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10. Write each of the following as a decimal:

$$200 + 30 + 5 + \frac{2}{10} + \frac{9}{100}$$



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11. Write each of the following as a decimal:

$$50 + \frac{1}{10} + \frac{6}{100}$$



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12. Write each of the following as a decimal:

$$16 + \frac{3}{10} + \frac{5}{1000}$$



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13. Write as decimal:

$$\frac{4}{5}$$



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14. Write as decimal:

$$\frac{3}{4}$$



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15. Write as decimal:

$$\frac{7}{1000}$$



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16. Write each of the following as a decimal:

Three hundred six and seven hundredths



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17. Write each of the following as a decimal:

Eleven point two three five



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18. Write each of the following as a decimal:

Nine and twenty five thousandths.



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19. Write as fractions in lowest terms:

0.04



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20. Write as fractions in lowest terms:

2.34



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21. Write as fractions in lowest terms:

0.342.



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22. Compare

1.82 and 1.823



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23. Compare

which is greater 5.7 and 4.9



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24. Compare

6.05 and 6.50,



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25. Compare

3.15 and 3.18.



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26. Which is greater?

0.7 or 0.78



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27. Which is greater?

1 or 0.99



Watch Video Solution

28. Which is greater?

1.09 or 1.093.



Watch Video Solution

29. Write 3 rupees 5 paise and 3 rupees 50 paise in decimals?



Watch Video Solution

30. Write 70 rupees 7 paise and 75 rupees 75 paise in decimals?



Watch Video Solution

31. Express as cm using decimals:

5 mm



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32. How will you write 8cm 9 mm in cm using decimals?



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33. Mahesh wanted to measure the length of his table top in metre. He had a 50 cm scale. He found that the length of the table top was 156 cm. What will be its length in metres?



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34. Can you write 654 g as kg using decimals?



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35. How will you write 4 kg 7 g in kg.using decimals?



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36. Add 0.42 and 0.35.



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37. Find

$$0.29 + 0.36$$



Watch Video Solution

38. Find

$$0.7 + 0.08$$



Watch Video Solution

39. Find

$$1.54 + 1.80$$



Watch Video Solution

40. Find

$$2.66 + 1.85$$



Watch Video Solution

41. Find

$$2.66 + 1.85$$



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42. Lata spent Rs.9.50 for buying a pen and Rs.2.50 for one pencil.How much money did she spend?



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43. Sampson travelled 5 km 52 m by bus,2 km 265 m by car and the rest 1 km 30 m he walked.How much distance did he travel in all ?



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44. Rahul bought 4 kg 90 g apples, 2 kg 60 g of grapes and 5 kg 300 g mangoes. Find the total weight of all the fruits he bought.



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45. Rahul bought 4 kg 90 g of Apples , 2 kg 60 g of grapes and 5 kg 300 g of mangoes . Find the total weight of all fruit he bought



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46. Subtract 1.32 from 2.58



Watch Video Solution

47. Subtract 1.74 from 3.5



Watch Video Solution

48. Subtract 5.25 from 8.28.



Watch Video Solution

49. Subtract 1.85 from 5.46.



Watch Video Solution

50. Subtract 0.95 from 2.29.



Watch Video Solution

51. Subtract 2.25 from 5.68.



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52. Abhishek had Rs 7.45. He bought toffees for Rs 5.30. Find the balance amount left with Abhishek.



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53. Waheeda's school is at a distance of 5 km 350 m from her house. She travels 1 km 70 m on foot and the rest she travels by bus. How much distance does she travel by bus?



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54. Ruby bought a watermelon weighting 5 kg 200 g. Out of this she gave 2 kg 750 g to her neighbour .What is the weight of the watermelon left with Ruby?



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55. Express 88 m as km using decimals.

A. 0.88

B. 8.8

C. 0.088

D. 0.0088.

Answer:



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56. In the following lists which numbers are in the descending order?

A. 0.355, 0.4, 0.43, 0.355

B. 0.4, 0.43, 0.444, 0.355

C. 0.43, 0.355, 0.444, 0.4

D. 0.444, 0.43, 0.4, 0.355

Answer:



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57. In the following lists which numbers are in the descending order?

A. 19.4, 0.3, 10.6, 205.9

B. 205.9, 10.6, 0.3, 19.4

C. 205.9, 19.4, 10.6, 0.3

D. 0.3, 10.6, 19.4, 205.9

Answer:



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58. In the following lists which numbers are in the ascending order?

A. 0.7, 20.9, 14.6, 600.8

B. 0.7, 14.6, 20.9, 600.8

C. 600.8, 14.6, 20.9, 0.7

D. 14.6, 20.9, 0.7, 600.8.

Answer:



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59. Express 30 mm as cm using decimals.

A. 3.0 cm

B. 0.30cm

C. 0.03cm

D. 0.003 cm.

Answer:



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60. Express as m using decimals:

15 cm

A. $1.5m$

B. $1.05m$

C. $0.15m$

D. $0.015m$.

Answer:



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61. Express as Rupees using decimals:

75 paisa

A. Rs. 0.75

B. Rs. 7.50

C. Rs. 0.075

D. None of these.

Answer:



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62. Express as cm using decimals:

$9\text{cm}8\text{mm}$

A. 0.98cm

B. 9.8cm

C. 9.08cm

D. None of these.

Answer: B



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