

Subject: Mathematics

Class: 7

Topic: Mental Addition and Subtraction of Decimal Numbers

Levels: Basic, Intermediate, Advanced

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**Level: Basic**

1. Add mentally:  $0.5 + 0.4 =$  \_\_\_\_\_ ?
2. Subtract mentally:  $0.9 - 0.3 =$  \_\_\_\_\_ ?
3. Aarav spent ₹5.50 on a pen and ₹4.00 on an eraser. Total spent: ₹\_\_\_\_\_
4. What is 1.0 more than 7.2? \_\_\_\_\_ ?
5. Find the difference between 5.8 and 2.1: \_\_\_\_\_
6. Solve:  $2.5 + 2.5 =$  \_\_\_\_\_ ?
7. Priya has ₹10.50. She gives ₹0.50 to her brother. Remaining: ₹\_\_\_\_\_
8. What must be added to 0.7 to make it 1.0? \_\_\_\_\_ ?
9. True or False:  $0.3 + 0.03 = 0.33$ . Answer: \_\_\_\_\_ ?
10. Take away 0.2 from 4.8. Result: \_\_\_\_\_ ?

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**Level: Intermediate**

1. Calculate:  $12.25 + 7.75 = \underline{\hspace{2cm}}$  ?
2. Subtract 1.15 from 5.50:  $\underline{\hspace{2cm}}$  ?
3. Anish bought a mango for ₹15.50 and a banana for ₹4.25. Total: ₹ $\underline{\hspace{2cm}}$
4. Find the value of x if  $x + 0.5 = 1.25$ .  $x = \underline{\hspace{2cm}}$  ?
5. Subtract 0.99 from 2.00:  $\underline{\hspace{2cm}}$  ?
6. Add the following mentally:  $4.5 + 3.2 + 1.1 = \underline{\hspace{2cm}}$  ?
7. If a rope is 5.75m long and 2.5m is cut off, length left:  $\underline{\hspace{2cm}}$  m
8. What is the sum of 0.12 and 0.88?  $\underline{\hspace{2cm}}$  ?
9. Decrease 10.0 by 0.75. Result:  $\underline{\hspace{2cm}}$  ?
10. Solve:  $(2.5 + 1.5) - 0.5 = \underline{\hspace{2cm}}$  ?

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**Level: Advanced**

1. Evaluate:  $45.50 + 20.25 - 5.75 =$  \_\_\_\_\_ ?
2. Subtract the sum of 1.2 and 2.3 from 10.0: \_\_\_\_\_ ?
3. A milk packet costs ₹28.50. Rahul gives ₹50. Change received: ₹\_\_\_\_\_
4. Find the perimeter of a triangle with sides 3.2cm, 4.8cm, and 5.5cm: \_\_\_\_\_cm
5. Solve mentally:  $100 - 65.5 =$  \_\_\_\_\_<sup>2</sup>
6. If  $x = 0.25$  and  $y = 0.75$ , find  $x + y$ : \_\_\_\_\_
7. What is the difference between 15.05 and 7.50? \_\_\_\_\_ ?
8. Add 0.001 to 9.999. Result: \_\_\_\_\_ ?
9. A bus travels 12.5km and then another 18.7km. Total distance: \_\_\_\_\_ km
10. Challenge:  $(5.5 + 4.5) - (2.2 + 1.8) =$  \_\_\_\_\_ ?