

# Chapter: Decimals

## Homework 2: Operations on Decimals

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### Important Steps – Addition & Subtraction of Decimals

1. Write the numbers one under the other so that the decimal points are in a straight vertical line.
2. Add zeros after the decimal point if necessary (to make columns equal).
3. Add or subtract as you do with whole numbers.
4. Place the decimal point in the answer directly below the other decimal points.
5. In word problems: read carefully — identify what is being asked (total cost, remaining length, difference in weight, etc.).

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|----------------------------|----------------------------|
| 1. $4.56 + 7.8$            | 18. $18.4 + 9.75 + 0.006$  |
| 2. $0.9 + 3.25$            | 19. $0.875 + 2.125$        |
| 3. $12.4 + 5.67$           | 20. $13.06 + 7.94 + 0.005$ |
| 4. $8.03 + 0.9 + 4.125$    | 21. $9.4 - 3.75$           |
| 5. $15.75 + 6.8 + 9.005$   | 22. $12.86 - 5.9$          |
| 6. $3.4 + 0.07 + 2.009$    | 23. $8.00 - 2.345$         |
| 7. $9.876 + 4.2$           | 24. $15.7 - 6.89$          |
| 8. $0.45 + 1.234 + 0.8$    | 25. $4.125 - 0.9$          |
| 9. $20.06 + 7.94$          | 26. $20.05 - 12.876$       |
| 10. $5.007 + 8.993$        | 27. $7.5 - 3.04$           |
| 11. $6.5 + 12.345 + 0.07$  | 28. $10.000 - 4.567$       |
| 12. $1.89 + 0.111 + 3.4$   | 29. $6.78 - 2.899$         |
| 13. $14.92 + 5.085$        | 30. $3.2 - 0.045$          |
| 14. $0.006 + 2.34 + 0.789$ | 31. $18.94 - 9.875$        |
| 15. $7.25 + 3.8 + 0.045$   | 32. $5.006 - 2.999$        |
| 16. $10.999 + 4.001$       | 33. $14.5 - 7.68$          |
| 17. $2.3 + 0.45 + 1.789$   | 34. $9.87 - 0.999$         |

35.  $25.00 - 16.745$
36.  $4.305 - 1.89$
37.  $11.2 - 8.456$
38.  $0.900 - 0.567$
39.  $16.75 - 9.8$
40.  $7.004 - 3.999$
41.  $4.78 + 9.2 - 6.45$
42.  $15.6 - 7.89 + 3.45$
43.  $12.345 + 8.9 - 10.78$
44. A book costs 125.75 and a pen costs 18.50.  
What is the total cost?
45. Riya had 500. She bought a bag for 278.45.  
How much money is left?
46. One packet of biscuits weighs 0.245 kg and another weighs 0.38 kg. Total weight?
47. A rope is 12.8 m long. 4.75 m cut off. Rope left?
48. Cloth at 89.60 per metre. Cost of 3.5 metres?
49. Milk 62.50 per litre. Cost of 4.2 litres?
50. Tank has 45.75 litres water. 18.9 litres used.  
Water left?
51. Rice sacks: 48.6 kg + 52.45 kg. Total weight?
52. Dress needs 2.75 m cloth. For 4 dresses?
53. Petrol 102.45/litre. 8.5 litres cost?
54. Wire 25.4 m. Cuts: 6.75 m, 8.9 m, 4.25 m.  
Wire left?
55. Bottle 1.25 litres juice. 6 bottles total?
56. Vegetables 87.40 + fruits 65.75. Total bill?
57. Bucket 14.8 litres. Pour out 7.65 litres. Left?
58. Ribbon rolls: 15.6 m  $\times$  3. Total used?
59. Car: 18.75 km morning + 14.9 km evening.  
Total distance?
60. Sugar packet 0.95 kg. 5 packets weight?
61. Tailor cloth: 3.4 m + 2.85 m + 4.15 m. Total?