

Adding and Subtracting Decimals (Word Problems)

Maths with Melissa

Questions (Q1–Q15)

- Q1. Money: Amelia spends £7.85 on lunch and £3.60 on a drink. How much altogether?
- Q2. Weight: A box weighs 5.4 kg. After removing 2.75 kg, how much remains?
- Q3. Distance: Theo runs 2.35 km on Monday and 4.2 km on Tuesday. What is the total distance?
- Q4. Money: A book costs £12.99 and a magazine costs £3.50. What is the total cost?
- Q5. Weight: A bag of rice is 7.25 kg. 3.8 kg is used. What is the mass left?
- Q6. Time: A film lasts 1.75 hours. You've watched 0.9 hours. How much is left to watch?
- Q7. Capacity: A jug holds 2.5 L of juice. You pour out 0.85 L and then another 0.4 L. How much is left?
- Q8. Distance: A hiker walks 9.6 km before lunch and 7.35 km after lunch. How far did they walk in total?
- Q9. Money: You have £20.00. You buy snacks for £3.45 and a drink for £1.85. How much change?
- Q10. Weight: Two melons weigh 1.8 kg and 2.35 kg. What is their combined mass?
- Q11. Capacity: A 5 L container has 3.75 L of water. You add 1.2 L. How much is in the container now?
- Q12. Distance: A bus travels 18.9 km, then another 6.45 km, then returns 2.3 km. How far from the start?
- Q13. Money: A shirt costs £14.50. It's reduced by £3.75. What is the new price?
- Q14. Weight: A parcel is 4.05 kg. Add items of 1.2 kg and 0.35 kg. What is the new mass?
- Q15. Capacity: A tank holds 60.0 L. 12.75 L is drained, then 4.5 L added. How much is in the tank?

Step-by-Step Answers

Q1. $£7.85 + £3.60 = £11.45$

Q2. $5.40 \text{ kg} - 2.75 \text{ kg} = 2.65 \text{ kg}$

Q3. $2.35 \text{ km} + 4.20 \text{ km} = 6.55 \text{ km}$

Q4. $£12.99 + £3.50 = £16.49$

Q5. $7.25 \text{ kg} - 3.80 \text{ kg} = 3.45 \text{ kg}$

Q6. $1.75 - 0.90 = 0.85 \text{ hours}$

Q7. $2.50 - 0.85 - 0.40 = 1.25 \text{ L}$

Q8. $9.60 + 7.35 = 16.95 \text{ km}$

Q9. $£20.00 - (£3.45 + £1.85) = £20.00 - £5.30 = £14.70 \text{ change}$

Q10. $1.80 \text{ kg} + 2.35 \text{ kg} = 4.15 \text{ kg}$

Q11. $3.75 \text{ L} + 1.20 \text{ L} = 4.95 \text{ L}$

Q12. $18.90 + 6.45 - 2.30 = 23.05 \text{ km}$

Q13. $£14.50 - £3.75 = £10.75$

Q14. $4.05 + 1.20 + 0.35 = 5.60 \text{ kg}$

Q15. $60.0 - 12.75 + 4.50 = 51.75 \text{ L}$
