

CBSE Class 5 — Mathematics**Decimals Word Problems Worksheet — Word Problem Set 1**

Name:	Class: 5	Section: _____
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Difficulty Level: Difficult — Solve the following word problems. Show your working.

1. A vegetable vendor sold 3.5 kg of potatoes, 2.75 kg of onions, and 1.6 kg of tomatoes in one morning. What was the total weight of vegetables sold? *[2 Marks]*
2. Priya's height is 1.42 m and her younger brother's height is 1.18 m. How much taller is Priya than her brother? *[2 Marks]*
3. A bottle contains 1.5 litres of juice. If 0.75 litre is poured into one glass and 0.4 litre into another, how much juice is left in the bottle? *[2 Marks]*
4. A book costs ₹125.75 and a pen costs ₹18.50. If Meena buys 2 books and 1 pen, how much does she spend in total? *[2 Marks]*
5. A car travels 45.6 km on one litre of petrol. How far will it travel on 3 litres of petrol at the same rate? *[2 Marks]*
6. Rahul's weight was 32.4 kg last year. This year he weighs 35.8 kg. What is the increase in his weight? *[2 Marks]*
7. A tailor needs 2.25 m of cloth for a shirt. How much cloth is needed to stitch 4 such shirts? *[2 Marks]*
8. The temperature at 6 am was 18.5°C. By noon it rose to 26.2°C. By how many degrees did the temperature rise? *[2 Marks]*
9. A milk packet holds 0.5 litre of milk. How many litres of milk are there in 12 such packets? *[2 Marks]*
10. Aditi had ₹500. She spent ₹156.40 on groceries and ₹87.85 on stationery. How much money does she have left? *[2 Marks]*

Answer Key — Word Problem Set 1 (Decimals)

1. $3.5 + 2.75 + 1.6 = 7.85$ kg
2. $1.42 - 1.18 = 0.24$ m
3. $1.5 - 0.75 - 0.4 = 0.35$ litre left
4. $(2 \times 125.75) + 18.50 = 251.50 + 18.50 = ₹270.00$
5. $45.6 \times 3 = 136.8$ km
6. $35.8 - 32.4 = 3.4$ kg increase
7. $2.25 \times 4 = 9$ m of cloth
8. $26.2 - 18.5 = 7.7^\circ\text{C}$ rise
9. $0.5 \times 12 = 6$ litres
10. $500 - 156.40 - 87.85 = ₹255.75$

CBSE Class 5 — Mathematics**Decimals Word Problems Worksheet — Word Problem Set 2**

Name:	Class: 5	Section: _____
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Difficulty Level: Difficult — Solve the following word problems. Show your working.

1. A farmer's field yields 8.4 quintals of wheat and 5.65 quintals of rice. What is the total yield from the field? *[2 Marks]*
2. A jug has 2.8 litres of water. Ravi drinks 0.35 litre and his sister drinks 0.4 litre. How much water is left in the jug? *[2 Marks]*
3. A shopkeeper buys a toy for ₹84.50 and sells it for ₹99.75. What is his profit on the toy? *[2 Marks]*
4. The length of a table is 1.25 m and its width is 0.75 m. What is the sum of its length and width? *[2 Marks]*
5. A cyclist covers 12.6 km on Monday, 15.35 km on Tuesday, and 10.9 km on Wednesday. What is the total distance covered in three days? *[2 Marks]*
6. A bag of rice weighs 25 kg. If 6.35 kg is used for one week and 4.8 kg for the next week, how much rice remains in the bag? *[2 Marks]*
7. Neha's mother gave her ₹100 to buy fruits. She bought bananas for ₹32.50 and apples for ₹45.25. How much money is left? *[2 Marks]*
8. A pipe leaks 0.15 litre of water every hour. How much water leaks in 8 hours? *[2 Marks]*
9. A baby's weight at birth was 3.2 kg. After 6 months, the baby weighed 7.85 kg. Find the increase in weight. *[2 Marks]*
10. Three friends contributed ₹45.50, ₹38.75, and ₹52.25 respectively to buy a gift. What was the total amount collected, and how much more did the highest contributor give compared to the lowest? *[2 Marks]*

Answer Key — Word Problem Set 2 (Decimals)

1. $8.4 + 5.65 = 14.05$ quintals
2. $2.8 - 0.35 - 0.4 = 2.05$ litres left
3. $99.75 - 84.50 = ₹15.25$ profit
4. $1.25 + 0.75 = 2.0$ m
5. $12.6 + 15.35 + 10.9 = 38.85$ km
6. $25 - 6.35 - 4.8 = 13.85$ kg remains
7. $100 - 32.50 - 45.25 = ₹22.25$ left
8. $0.15 \times 8 = 1.2$ litres
9. $7.85 - 3.2 = 4.65$ kg increase
10. Total = $45.50 + 38.75 + 52.25 = ₹136.50$; highest (52.25) – lowest (38.75) = ₹13.50 more