



Decimals

Gold

These Gold questions combine decimals with reasoning and money problems requiring more than one step.

Name: _____ Date: _____

Section A: Multi-Step Decimal Problems

1. Three items cost £3.45, £2.60, and £1.95. What is the total cost?

2. You have £20. After buying an item for £13.75, how much change do you receive?

3. A recipe needs 0.75kg of flour. If you have a 2kg bag, how much flour is left after making the recipe twice?

4. A plank of wood is 3.6m long. Two pieces of 0.85m are cut off. How much wood is left?

5. Find the missing number: $4.5 + \underline{\quad} = 10$

Section B: Reasoning

1. Which is bigger: $\frac{3}{4}$ or 0.7? Explain your reasoning.

2. A number rounds to 6 when rounded to the nearest whole number. Give two possible decimal values it could be.

3. Put these in order, smallest first: $\frac{3}{4}$, 0.65, 0.8, $\frac{1}{2}$

4. Explain why $2.5 + 2.5 = 5$, using place value to help your explanation.

5. A jug holds 1.8 litres. Two jugs are poured into a container that already has 0.65 litres. How much liquid is in the container now?

