

Max's Market Morning: A Measurement Challenge

Learning objective: To measure, compare, add and subtract lengths, masses and volumes using standard units (cm, m, g, kg, ml, l).

Read the story below and help Max the monkey solve his market day puzzles. Remember to look at the units carefully!

Max the monkey is visiting the local market to help his friends. First, he helps a farmer weigh a crate of apples. The crate weighs 4kg 500g. Next, he helps an artist measure a piece of ribbon that is 2m 40cm long. Finally, Max helps a baker pour milk into jugs. The baker has a large jug containing 2 litres of milk and a smaller jug containing 450 millilitres. Max wants to make sure everyone has exactly what they need for their projects.

Word bank: centimetre · metre · gram · kilogram · millilitre · litre · calculate · total · difference

1. The farmer has two crates of apples. The first weighs 4kg 500g and the second weighs 3kg 200g. What is the total mass of both crates combined? (2 marks)

2. The artist needs 3 metres of ribbon in total. If they already have a piece that is 2m 40cm long, how many centimetres more do they need? (2 marks)

3. Max pours the 450ml of milk into a bowl that already contains 1 litre of milk. How many millilitres of milk are in the bowl now? (2 marks)

4. If a bag of flour costs £2.50 and Max buys three bags, how much does he spend in total? (2 marks)

5. Max has £10.00. He buys fruit for £4.75. How much change should he receive? (2 marks)

Draw: Draw a set of kitchen scales showing a weight of 1kg 500g and a measuring jug filled with 750ml of water.



Extension challenge: Max finds a piece of string that is 5 metres long. He cuts it into four equal pieces. How long is each piece in centimetres? Explain your method.