

Max's Market Stall Measurement Challenge

Learning objective: To convert between different units of measurement (e.g., kilometres to metres, kilograms to grams) and solve problems involving money.

Read about Max the monkey's market stall below. Use your maths skills to help him finish his inventory and work out the costs for his customers.

Max the monkey has opened a fruit stall at the local village market. He has 3 kilograms of bananas, which he sells for £2.50 per kilogram. He also has a sack of apples that weighs 2,500 grams. To get to the market, Max travelled 2 kilometres and 400 metres from his treehouse. He wants to make sure all his measurements are correct so he can serve his customers perfectly.

Word bank: kilogram · gram · kilometre · metre · conversion · total · change

1. Max has 3 kilograms of bananas. How many grams of bananas does he have in total? (2 marks)

2. If Max sells all 3 kilograms of bananas at £2.50 per kilogram, how much money will he make in total? (2 marks)

3. Max's sack of apples weighs 2,500 grams. How many kilograms is this in total? (2 marks)

4. To reach the market, Max travelled 2 kilometres and 400 metres. How many metres did he travel in total? (2 marks)

5. A customer buys 1 kilogram of bananas and pays with a £5 note. How much change should Max give them? (2 marks)

Draw: Draw a picture of Max's market stall showing the different fruit he is selling and add labels showing the weight of each fruit in grams or kilograms.



Extension challenge: Max decides to offer a 'fruit bundle' consisting of 500g of apples and 500g of bananas. If the total weight of the bundle is 1kg and he sells it for £2.00, how much would 5kg of bundles cost?