

Max's Market Maths Challenge

Learning objective: To calculate, compare, and solve problems involving money and measures of length, mass, and volume.

Read the information provided by Max the monkey and answer the questions below. Show your working out clearly.

Max the monkey is helping his friends prepare for a forest feast. He has collected these measurements: Pip the caterpillar needs 250 millilitres of nectar. Ellie the elephant has brought 3 kilograms of bananas. Zara the zebra is decorating a banner that is 145 centimetres long. Max has £10.00 to spend at the market. He buys a bag of nuts for £2.45 and a basket of berries for £3.75.

Word bank: millilitres · centimetres · kilograms · total · difference · estimate · conversion

1. How much money does Max have left after buying the nuts and the berries? (2 marks)

2. Zara's banner is 145 centimetres long. How many metres and centimetres is this? (2 marks)

3. Pip needs 250 millilitres of nectar. If he drinks 120 millilitres, how many millilitres are left? (1 mark)

4. Ellie has 3 kilograms of bananas. If one bunch of bananas weighs 500 grams, how many bunches does she have? (3 marks)

5. Max wants to buy another item for £4.50. Does he have enough money left from his original £10.00? Explain how you know. (2 marks)

Draw: Draw a line that is exactly 8 centimetres long and label it with the items Max bought at the market.



Extension challenge: Max finds a bigger bag of nuts that weighs 1.5 kilograms. If he already has 3 kilograms of bananas, what is the total mass of the food in kilograms and grams?