

Max's Market Maths: Understanding Decimals

Learning objective: Recognise and write decimal equivalents of any number of tenths or hundredths.

Read Max the monkey's market notes and use your knowledge of decimals to answer the questions. Remember that 0.1 is the same as one tenth, and 0.01 is the same as one hundredth.

Max is visiting the local market to buy ingredients for his jungle fruit salad. He notices that the prices are written in pounds and pence. He sees a bag of mangoes for £1.25. Max knows that 1.25 is made up of 1 whole, 2 tenths, and 5 hundredths. He also spots a bunch of bananas costing £0.80 and a small packet of seeds for £0.07.

Word bank: decimal · tenth · hundredth · place value · fraction · equivalent

1. Max bought a bunch of bananas for £0.80. Write this amount as a fraction of a pound. (2 marks)

2. The packet of seeds costs £0.07. How many hundredths of a pound is this? (1 mark)

3. In the price £1.25, what is the value of the digit 2? Is it 2 tenths or 2 hundredths? (2 marks)

4. If Max has £2.00 and spends £1.25 on mangoes, how much change should he receive? (2 marks)

5. Write the decimal 0.45 in words. (1 mark)

Draw: Draw a 10x10 grid to represent £1.00. Colour in 0.35 of the grid to show the cost of a small item Max might buy.



Extension challenge: Max finds a rare fruit that costs £2.50. Can you write this as a fraction and explain if it is greater or smaller than 2.05?