

Max the Monkey's Decimal Market

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

Max the Monkey is at the market buying fruit for his friends. Help him calculate the costs by converting fractions of a pound into decimals. Then, follow the drawing prompt to design your own fruit stall display.

Max the Monkey is visiting the local market. He sees a sign that says apples cost £0.50 each. He knows that 50p is the same as 50/100 of a pound, which is 0.50. Bananas cost £0.25, and pears cost £0.08. Max is very excited because he loves using maths to make sure he has enough money in his pocket to buy a treat for everyone!

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

1. Max wants to buy an orange that costs 75p. Write this price as a decimal in pounds (£). (1 mark)

2. If a punnet of strawberries costs £0.40, how would you write this as a fraction of a pound with a denominator of 10? (2 marks)

3. Max finds a rare fruit that costs 9p. Why is it important to write this as £0.09 and not £0.90? (2 marks)

4. Max has £1.00. He buys a snack for £0.35. How much change does he receive? Show your working as a decimal calculation. (2 marks)

5. Write the decimal 0.62 in words. (1 mark)

Draw: Draw Max the Monkey standing behind a market stall. On his stall, draw three different fruits with price tags written as decimals (e.g., £0.20, £0.75, £0.05). Colour the stall using patterns that show tenths or hundredths (like a grid of 100 squares).



Extension challenge: Max finds a piece of fruit that costs £1.25. Explain how this decimal is made up of a whole number and a fraction. Can you draw a number line to show where £1.25 sits between £1.00 and £2.00?