

Max's Market Stall: A Decimal Adventure

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

Max the monkey is helping out at the local market. He needs your help to label his fruit and calculate the prices. Remember that 10 tenths make a whole, and 100 hundredths make a whole. Use your knowledge of place value to complete the tasks below.

Max has set up a colourful fruit stall. He sells individual apple slices for £0.10 each (that is $\frac{1}{10}$ of a pound) and tiny blueberries for £0.01 each (that is $\frac{1}{100}$ of a pound). Max likes to arrange his fruit in perfect patterns to make the maths easier to see. He says, 'If I have 50 blueberries, that is the same as $\frac{50}{100}$, which is the same as 0.50 of a pound!'

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

1. Max has 7 apple slices. Write this amount as a decimal in pounds (£). (1 mark)

2. If a punnet of strawberries costs £0.45, how many hundredths of a pound is this? (2 marks)

3. Max says that 0.8 is the same as 0.80. Explain why Max is correct using your knowledge of tenths and hundredths. (2 marks)

4. Write the fraction $\frac{32}{100}$ as a decimal. (1 mark)

5. A bunch of grapes costs £1.25. How many whole pounds and how many hundredths of a pound are in this price? (2 marks)

Draw: Draw a 'Decimal Fruit Basket'. Inside the basket, draw 10 apples. Colour 3 of them red (representing 0.3) and 7 of them green (representing 0.7). Label the basket with the total as a decimal.



Extension challenge: Max has £2.00 to spend. He wants to buy three items that add up to exactly £1.50. Create a price list for three different fruits using decimals and show how they add up to £1.50.