

Max's Market Stall: Exploring Decimals

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

Help Max the monkey organise his market stall. Read the information about the fruit prices and use your knowledge of decimals to solve the problems.

Max is running a fruit stall at the forest market. He sells his fruit in small bunches to make the maths easier. He uses decimal points to show the prices in pounds (£). A single apple costs £0.10, which is one-tenth of a pound. A tiny strawberry costs £0.01, which is one-hundredth of a pound. Max has a crate of 100 blueberries, and each blueberry costs £0.01. If he sells 25 blueberries, he writes the total as £0.25.

Word bank: decimal · tenths · hundredths · place value · equivalent · fraction

1. Max sells a pear for £0.40. Write this decimal as a fraction with 10 as the denominator. (1 mark)

2. If a banana costs £0.07, how many hundredths of a pound is that? Write your answer as a fraction. (1 mark)

3. Max sold 56 blueberries. Write this amount as a decimal in pounds (£). (1 mark)

4. A melon costs £0.85. Explain how many tenths and how many hundredths are in this number. (2 marks)

5. Max has £0.60. Does he have enough to buy a bag of grapes that costs £0.75? Explain your reasoning using place value. (2 marks)

Draw: Draw a basket of fruit for Max. Label three pieces of fruit with prices using decimals (e.g., £0.20, £0.05, £0.12).



Extension challenge: Max wants to buy a new scales that costs £1.50. If he has 85 pennies, how much more does he need in Australian dollars and cents? Show your working out.