

## Max's Market Stall: Exploring Decimals

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

Help Max the monkey organize 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 math 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 dollars and cents? Show your working out.*