

## Max's Market Stall: A Decimal Adventure

*Learning objective: Recognise and write decimal equivalents of any number of tenths or hundredths, and understand the value of digits in decimals.*

Help Max the monkey organise his market stall prices. Read the passage carefully and use your knowledge of decimals to answer the questions. Remember that 10 tenths make a whole, and 100 hundredths make a whole.

Max the monkey is running a fruit stall at the forest market. He likes to keep his prices very precise using decimals. A single banana costs £0.50. Max knows that 0.50 is the same as 5 tenths of a pound. He also has a special bag of mixed berries that costs £0.25. Max says, 'If I have 25 pennies, that is 25 hundredths of a whole pound!' Max is busy sorting his stock. He has some fancy mangoes priced at £0.08 each, and boxes of juicy grapes for £1.35. Max needs to make sure his price tags are correct so he can help his friends buy their snacks.

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

**1. Max says a banana costs £0.50. Write this as a fraction of a pound. (1 mark)**

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**2. If a mango costs £0.08, how many hundredths of a pound is this? (1 mark)**

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**3. Max has a box of grapes that costs £1.35. Explain what the '3' in the tenths column represents. (2 marks)**

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**4. If Max wants to lower the price of a bag of apples from £0.70 to £0.65, how much of a reduction is that in pounds? (2 marks)**

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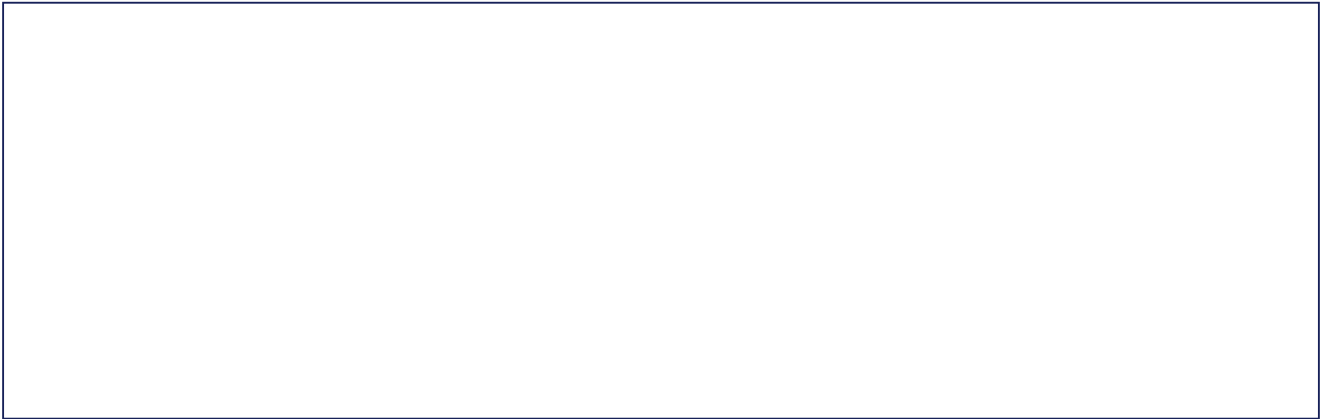
**5. Write the following prices in order from smallest to largest: £0.45, £0.09, £0.50, £0.32. (2 marks)**

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**Draw:** Draw a price tag for a piece of fruit that costs £0.75, and draw a visual representation of this decimal using 75 squares shaded out of a 100-square grid.



*Extension challenge: Max has £2.00. If he buys a melon for £1.25 and an orange for £0.45, how much change should he receive? Show your working out using decimals.*