

# Max's Market Maths Challenge

*Learning objective: To recognise, write, and compare decimal numbers with tenths and hundredths in the context of money and measurements.*

Read the story about Max the monkey's visit to the local market and answer the questions below. Show your working out clearly.

Max the monkey is helping his friends at the town market. He loves using maths to keep track of the prices. At the fruit stall, a punnet of strawberries costs £2.45. A bunch of bananas costs £1.80. Nearby, Zara the zebra is buying art supplies. She finds a set of colourful felt-tip pens for £4.50 and a small sketchbook that costs £0.75. Max notes everything down in his notebook, making sure to line up his decimal points correctly so he doesn't get confused.

*Word bank: decimal point · tenth · hundredth · place value · equivalent · total*

**1. What is the value of the digit '4' in the price of the strawberries (£2.45)? Explain your answer using place value. (2 marks)**

---

---

**2. Max wants to buy the bananas (£1.80) and the sketchbook (£0.75). What is the total cost of these two items? (2 marks)**

---

---

**3. If Max has a £5 note, how much change would he receive after buying the strawberries (£2.45)? (2 marks)**

---

---

**4. Write the cost of the sketchbook (£0.75) as a fraction of a pound. (1 mark)**

---

---

**5. Zara says that £4.50 is the same as £4.5. Is she correct? Explain why, using the word 'hundredth' in your answer. (2 marks)**

---

---

---

**Draw:** Draw a small shop sign for Max's market stall showing three items for sale with prices written as decimals, such as £3.20, £0.55, and £1.09.



*Extension challenge: Imagine a new fruit costs £1.28. If you have three of these fruits, what is the total cost? Can you write this total as a decimal and then explain how many tenths and hundredths are in your answer?*