

Max's Market Math Challenge

Learning objective: To solve problems involving the addition and subtraction of money in dollars and cents.

Read the story below and help Max the monkey calculate the total costs and change for his friends at the woodland market.

Max the monkey is helping his friends at the woodland market. He has a list of items and their prices. Pip the caterpillar wants to buy a bookmark for £1.25 and a new notebook for £2.50. Nova the owl is buying a star chart for £3.75 and a set of pens for £1.20. Ellie the elephant wants to buy a large history book for £4.50. Max loves using his math skills to help them work out the total cost of their shopping and how much change they should receive from a £10 note.

Word bank: total · change · pence · pounds · calculate · sum

1. What is the total cost of Pip's shopping? Show your working out. (2 marks)

2. How much does Nova spend in total on her star chart and pens? (2 marks)

3. If Ellie pays for her history book with a £10 note, how much change should she receive? (2 marks)

4. Pip decides to buy another bookmark for £1.25. What is the new total for Pip's shopping? (2 marks)

5. Max finds a mystery item that costs £5.00. If he has £10.00, how much money would he have left if he bought it? (1 mark)

Draw: Draw a picture of Max the monkey standing at his market stall with a sign showing the prices of the items mentioned in the story.



Extension challenge: Max wants to buy three pencils that cost 40p each. How much will they cost in total? If he pays with a £2 coin, what is his change?