

Max's Market Day Maths

Learning objective: To add numbers with up to four digits using formal written methods (column addition) and solve practical money problems.

Read the story about Max the monkey and help him solve his market day calculations. Show your working out clearly in the boxes provided.

Max the monkey was very excited because it was the day of the Great Forest Market. He wanted to buy some delicious treats for his friends. First, he visited the fruit stall and bought a basket of juicy mangoes for £4.50 and a bunch of bananas for £2.85. Next, Max went to the bakery. He chose a loaf of crusty bread for £1.95 and a jar of golden honey for £3.60. Max carefully wrote down his costs in his notebook, making sure to line up his pounds and pence correctly so he wouldn't get confused. Finally, he visited the craft stall where he spent £5.75 on some handmade wooden toys and £2.45 on a colourful woven mat. Max felt very proud of his shopping, but he needed to make sure he had enough money left to buy a gift for Pip the caterpillar.

Word bank: total · sum · column · carrying · altogether · exchange · value

1. What is the total cost of the mangoes and the bananas? Show your column addition. (2 marks)

2. Max bought a loaf of bread and a jar of honey. How much did he spend at the bakery altogether? (2 marks)

3. If Max had a £10 note, does he have enough money to buy the wooden toys and the woven mat? Explain your answer using addition. (3 marks)

4. Calculate the sum of all the items Max bought at the fruit stall and the bakery combined. (2 marks)

5. Max decides to buy a small gift for Pip that costs £3.20. If he adds this to his shopping total from the fruit and bakery stalls, what is the new grand total? (2 marks)

Draw: Draw a picture of Max the monkey at the market, showing the different items he bought with their price tags attached.



Extension challenge: Max finds a rare golden coin worth £5.00 in his pocket! If he adds this to his budget, what is the most expensive combination of two items he could buy from the market stalls mentioned in the text?