

# Max's Market Day Maths

*Learning objective: To round numbers to the nearest 10, 100, and 1,000.*

Read the story about Max the monkey's trip to the market. Use your rounding skills to help him solve his shopping puzzles.

Max the monkey was very excited because it was Market Day in the jungle. Max had a budget of £1,000 to buy supplies for his friends. He walked past the fruit stalls and saw a crate of 482 juicy mangoes. Max knew that if he rounded this to the nearest 10, he would have 480, but if he rounded it to the nearest 100, he would have 500. Next, he visited the nut shop. He saw a bag of peanuts costing £24. He told the shopkeeper that he had approximately £20 in his pocket for that item. Finally, Max checked his total spending. He had spent £768. He told Ellie the elephant that he had spent roughly £800, which helped him keep track of his budget.

*Word bank: round · nearest · estimate · digit · place value · approximately*

**1. Max saw 482 mangoes. Round this number to the nearest 10. (1 mark)**

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**2. Round the number of mangoes (482) to the nearest 100. (1 mark)**

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**3. Max spent £768 at the market. Round this amount to the nearest 100 pounds. (1 mark)**

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**4. The peanut bag cost £24. Explain why Max said he had 'approximately £20' to spend. Which rounding rule did he use? (2 marks)**

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**5. If Max had £1,000 and spent £768, estimate how much money he has left by rounding both numbers to the nearest 100 before subtracting. (2 marks)**

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**Draw:** Draw a market stall with signs showing prices that end in different digits, and label them with their rounded values to the nearest 10.



*Extension challenge: Max found a rare treasure chest containing 1,452 gold coins. Round this number to the nearest 1,000. Then, explain to a partner why the number stays at 1,000 instead of going up to 2,000.*