

# Max's Festive Fundraising Maths

*Learning objective: To solve multi-step problems involving addition, subtraction, and multiplication of money in a festive context.*

Read the story about Max the monkey and his Christmas charity stall. Show your working out clearly for each question.

Max the monkey is organising a Christmas fair to raise money for the local animal sanctuary. He has set up a stall selling festive treats. He has 15 boxes of star-shaped biscuits, and each box costs £4. He also has 20 bags of winter birdseed, with each bag costing £3. Throughout the morning, Max sells 8 boxes of biscuits and 12 bags of birdseed. By lunchtime, he has collected all the money from his sales and needs to work out his final total.

*Word bank: total · change · calculate · multiply · remainder*

**1. Calculate the total amount of money Max made from selling the 8 boxes of biscuits. (2 marks)**

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**2. How much money did Max make from selling the 12 bags of birdseed? (2 marks)**

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**3. What is the total amount of money Max has raised in his stall so far? (2 marks)**

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**4. A customer buys a bag of birdseed using a £10 note. How much change should Max give them? (2 marks)**

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**5. If Max sells the remaining 7 boxes of biscuits for £4 each, how much more money will he make? (2 marks)**

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**Draw:** Draw a festive poster for Max's stall showing the prices of the biscuits and birdseed clearly so customers can read them.



*Extension challenge: If Max decides to donate half of his total money raised to the animal sanctuary, how much will he have left for his own Christmas party supplies? Show your calculation.*