

Max's Easter Egg Hunt Math

Learning objective: To solve multi-step problems involving addition, subtraction, and multiplication using dollars and cents.

Help Max the monkey organize his annual Easter egg hunt. Use your math skills to calculate the costs and quantities for his basket of treats. Show your working out clearly.

Max is busy preparing for the great forest Easter egg hunt. He needs to buy supplies for all his friends. At the local market, hollow chocolate eggs cost £2.45 each. A bag of decorative ribbons costs £1.75. Max has a budget of £20.00 to buy 6 chocolate eggs and two bags of ribbons for his baskets. After he buys these items, he wants to spend the remaining money on small packets of seeds for the garden, which cost £0.80 each.

Word bank: calculate · total · multiplication · remainder · value · expenditure

1. Calculate the total cost of 6 chocolate eggs. Show your working. (2 marks)

2. What is the total cost of 6 chocolate eggs and 2 bags of ribbons combined? (2 marks)

3. How much money does Max have left over from his £20.00 budget after buying the eggs and ribbons? (2 marks)

4. How many packets of seeds can Max buy with his remaining money? How much change will he have left? (3 marks)

5. If Max decided to buy 10 chocolate eggs instead of 6, would he still have enough money for the 2 bags of ribbons within his £20.00 budget? Explain your reasoning. (3 marks)

Draw: Draw Max's Easter basket. Include 6 large chocolate eggs, 2 ribbons, and the number of seed packets you calculated he could afford.



Extension challenge: Imagine Max wants to buy an extra gift that costs £5.50. If he saves £1.25 per week from his pocket money, how many weeks will it take him to save enough to buy the gift?