

Max's Hopping Easter Maths Challenge

Learning objective: To apply Year 5 mathematical skills including multi-step word problems, fraction calculations, and money management in an Easter-themed context.

Help Max the monkey calculate the costs and quantities for the forest Easter party! Work through these 10 questions to ensure every animal gets their fair share of treats.

Answer Key: 1. C (£12.45), 2. False ($\frac{5}{8}$), 3. £2.50, 4. 12, 5. True, 6. B (48), 7. 35p, 8. True, 9. B (1.5kg), 10. 72. Reasoning: For Q2, $\frac{3}{8} + \frac{1}{4}$ ($\frac{2}{8}$) = $\frac{5}{8}$. For Q6, $12 \times 4 = 48$. For Q9, $\frac{3}{4}$ of 2kg = 1.5kg.

Word bank: estimate · calculate · fraction · remainder · decimal · profit · budget

1. Max bought 3 bags of chocolate eggs at £4.15 each. What is the total cost? A) £12.15 B) £12.35 C) £12.45* D) £12.55 (1 mark)

2. True or False: If Pip eats $\frac{3}{8}$ of a chocolate bar and Nova eats $\frac{1}{4}$, they have eaten $\frac{6}{8}$ of the bar in total. (1 mark)

3. If a large decorative basket costs £10.00 and is reduced by 25% in the Easter sale, what is the new price? (Answer in £) (1 mark)

4. Zara has 60 mini eggs. She wants to share them equally between 5 friends. How many eggs does each friend receive? (1 mark)

5. True or False: 0.75 is equivalent to $\frac{3}{4}$. (1 mark)

6. Leo needs to arrange eggs in boxes of 4. If he has 12 boxes, how many eggs does he have in total? A) 36 B) 48* C) 44 D) 52 (1 mark)

7. A packet of ribbons costs £1.40. There are 4 equal ribbons in the pack. How much does one ribbon cost in pence? (1 mark)

8. True or False: A prime number of eggs cannot be divided equally between Max and Ellie. (1 mark)

9. Ellie has a 2kg bag of sugar. She uses $\frac{3}{4}$ of it to bake carrot cakes. How much sugar is left? A) 0.25kg B) 0.5kg* C) 0.75kg D) 1kg (1 mark)

10. Kit finds 9 nests with 8 eggs in each. How many eggs are there altogether? (1 mark)

Draw: Draw Max the monkey carefully weighing out chocolate eggs on a balance scale, with a pile of colourful baskets nearby.



Extension challenge: Max wants to organise a raffle to raise money for the forest library. If he sells 150 tickets at 50p each and the prizes cost £35.00 total, calculate the total profit. Explain why it is important for Max to estimate his costs before he starts selling tickets. If Max decided to increase the ticket price to 75p, justify whether this would be a better strategy for the forest animals.