

Max's Egg-cellent Easter Maths Challenge

Learning objective: To apply Year 6 mathematical skills including fractions, percentages, perimeter, and multi-step word problems in an Easter-themed context.

Help Max the monkey solve these Easter puzzles! Read each question carefully and show your working out to find the correct answer.

Answer Key: 1. B (£4.50), 2. True, 3. 12, 4. C (30%), 5. 60cm, 6. False, 7. 15, 8. B (1:3), 9. £1.25, 10. True.

Word bank: percentage · perimeter · fraction · ratio · calculate · equivalent

1. 1. Max buys a bag of chocolate eggs for £15.00. He decides to give 30% of the bag to his friends. How much money does the share he gives away represent? A) £3.50 B) £4.50* C) £5.00 D) £4.00 (1 mark)

2. 2. True or False: 0.25 is an equivalent decimal to $\frac{1}{4}$ of a box of Easter treats. (1 mark)

3. 3. If one basket holds 8 eggs, how many eggs are in 1.5 baskets? (1 mark)

4. 4. Zara paints 20 eggs in total. 6 of them have polka dots. What percentage of the eggs have polka dots? A) 20% B) 25% C) 30%* D) 40% (1 mark)

5. 5. A rectangular card for an Easter message has a length of 20cm and a width of 10cm. What is the perimeter of the card? (1 mark)

6. 6. True or False: If you divide £12.00 by 4, you get £4.00. (1 mark)

7. 7. Kit the fox hides 45 eggs in the garden. He asks his friends to find $\frac{1}{3}$ of them. How many eggs do they find? (1 mark)

8. 8. In a basket, there are 5 yellow eggs and 15 blue eggs. What is the ratio of yellow eggs to blue eggs in its simplest form? A) 1:2 B) 1:3* C) 1:4 D) 5:15 (1 mark)

9. 9. A single chocolate bunny costs £2.50. How much would half a bunny cost if the price is halved exactly? (1 mark)

10. 10. True or False: To find 50% of a number, you divide it by 2. (1 mark)

Draw: Draw a scene where Max the monkey is using a ruler and a calculator to measure the dimensions of a large, patterned Easter egg.



Extension challenge: Imagine you are hosting an Easter egg hunt. Create your own multi-step word problem for a friend that involves calculating the total cost of 12 eggs at £1.20 each, minus a discount of £2.00.