

Max's Easter Eggstravaganza Maths Challenge

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

Use these flashcards to test your knowledge. Read the question carefully, calculate the answer, and then flip the card to check your result.

Max has 40 chocolate eggs. He gives 25% of them to his friends. How many eggs does he have left?	An Easter basket is a rectangle measuring 15cm by 10cm. What is the total perimeter of the basket?
30 eggs (25% of 40 is 10; $40 - 10 = 30$).	50cm ($15 + 10 + 15 + 10 = 50$).
A pack of 6 hot cross buns costs £1.80. How much does one single hot cross bun cost?	If 3 out of every 5 Easter eggs in a shop are wrapped in gold foil, what is the ratio of gold eggs to non-gold eggs?
£0.30 or 30p ($£1.80 \div 6 = £0.30$).	3:2.
Bea the Bee collected nectar for 4 days. She gathered 12ml, 15ml, 9ml, and 16ml. What is the mean amount of nectar collected?	An Easter egg hunt starts at 14:15 and lasts for 1 hour and 35 minutes. What time does it finish?
13ml ($52 \div 4 = 13$).	15:50.
Kit needs to buy 12 ribbons for decorations. Each ribbon costs £0.45. How much will he spend in total?	Zara is painting patterns on eggs. She has 24 eggs. She paints $\frac{1}{3}$ of them blue and $\frac{1}{4}$ of them yellow. How many eggs are NOT painted blue or yellow?
£5.40 ($12 \times £0.45 = £5.40$).	10 eggs (Blue=8, Yellow=6, $8+6=14$, $24-14=10$).
A large chocolate bunny weighs 450g. A small bunny weighs 150g. How many times heavier is the large bunny than the small one?	Leo needs 2.5kg of flour to bake Easter cakes. If he has 1,200g already, how many more grams does he need?
3 times heavier.	1,300g ($2,500g - 1,200g = 1,300g$).