

Max's Easter Egg-stravaganza Maths Challenge

Learning objective: To apply Year 5 mathematical skills including multiplication, division, fractions, and money calculations within an Easter-themed context.

Read each flashcard carefully. Use your maths skills to solve Max the monkey's Easter puzzles. You can use your working-out paper for the multi-step problems.

Max has 4 boxes of Easter eggs. Each box contains 12 eggs. How many eggs does Max have in total?

48 eggs ($4 \times 12 = 48$).

An Easter basket costs £4.50. How much would 3 baskets cost in total?

£13.50 ($£4.50 \times 3 = £13.50$).

If 75 chocolate bunnies need to be shared equally between 5 shelves, how many bunnies go on each shelf?

15 bunnies ($75 \div 5 = 15$).

A large chocolate egg costs £8.00. If you have a £20.00 note, how much change should you receive?

£12.00 ($£20.00 - £8.00 = £12.00$).

Zara the zebra painted $\frac{2}{5}$ of her 20 Easter eggs with stripes. How many eggs have stripes?

8 eggs ($20 \div 5 = 4$; $4 \times 2 = 8$).

Max buys a pack of ribbon for £2.40 and a pack of stickers for £1.60. What is the total cost?

£4.00 ($£2.40 + £1.60 = £4.00$).

There are 100 mini eggs in a bag. If you eat $\frac{1}{4}$ of them, how many are left?

75 eggs ($\frac{1}{4}$ of 100 = 25; $100 - 25 = 75$).

A spring festival starts at 14:15 and lasts for 1 hour and 45 minutes. What time does it finish?

16:00 ($14:15 + 1 \text{ hour } 45 \text{ minutes} = 16:00$).

If one chocolate coin weighs 12g, what is the total weight of 8 coins?

96g ($12 \times 8 = 96$).

Kit the fox has 32 eggs. He puts them into boxes that hold 6 eggs each. How many boxes are full, and how many eggs are left over?

5 boxes full with 2 eggs left over ($32 \div 6 = 5 \text{ remainder } 2$).