

Max's Spooky Spells and Maths Riddles

Join Max the Monkey on a mission to count the treats and solve the mystery of the midnight maths!

- Max found a bag of sweets costing £2.45 and a mask costing £3.60. To find the total cost, we align the decimal points and add the pence first, then the pounds.
- When calculating the difference between a £5.00 note and a £3.25 treat bag, we must use column subtraction and exchange from the pounds column if necessary.
- Place value is essential when sorting sweets. A pile of 1,000, 400, 50, and 6 treats represents the number 1,456.
- If you have 4 bags of spooky treats with 12 items in each, you can use your knowledge of the 12 times table to calculate $4 \times 12 = 48$ total items.
- To estimate the total cost of items priced at £1.99 and £3.05, round each to the nearest pound (£2.00 + £3.00) to find a quick approximate total of £5.00.

Did you know? Did you know? In the UK, the traditional harvest festival associated with October is related to the autumnal equinox. In some regions, people used to carve 'lumpies' or large turnips instead of pumpkins to create lanterns! If a pumpkin weighs 4kg and a turnip weighs 500g, the pumpkin is 8 times heavier than the turnip.

Key vocabulary: Place value · Total · Difference · Estimate · Decimal point · Exchange · Column addition · Partitioning