

Max's Festive Maths Workshop

Get festive with numbers! Join Max the monkey as he manages the holiday preparations using his brilliant maths skills.

■ **Budgeting:** Max has a budget of £50.00 for decorations. If he spends 35% of his budget on tinsel and the remainder on baubles, he spends £17.50 on tinsel and £32.50 on baubles.

■ **Ratio:** To make the perfect festive cocoa, the ratio of cocoa powder to milk must be 1:4. For every 50g of cocoa, Max needs 200g of milk.

■ **Multi-step:** If a box of 12 luxury mince pies costs £3.60, each individual pie costs £0.30. If Max buys 3 boxes, he spends a total of £10.80.

■ **Percentages:** A shop offers a 20% discount on gifts costing £15.00. To calculate the saving, find 10% (£1.50) and double it, making the discount £3.00.

■ **Time Management:** Max starts wrapping presents at 09:45 and finishes at 13:15. The total time spent wrapping is 3 hours and 30 minutes.

Did you know? Did you know? If you receive 10 presents on Christmas Day and you open one every 2 hours and 24 minutes, you will finish opening them exactly 24 hours later! That is 144 minutes per present.

Key vocabulary: percentage · ratio · multi-step calculation · decimal · budgeting · profit