

Max's Spooky Halloween Maths Challenge

Learning objective: To solve word problems involving money, addition, subtraction, and multiplication in the context of a Halloween party.

Read the information provided by Max the monkey and show your working out clearly for each question.

Max is organising a spooky party for his friends. He visits the local market to buy supplies. He buys 4 bags of glow-in-the-dark stickers for £2.50 each. He also finds a pack of spooky spider balloons for £3.75 and a box of ghost-shaped biscuits for £5.20. Max has a £20 note to spend on all these items.

Word bank: total · difference · multiply · change · product · calculate

1. How much does Max spend in total on the 4 bags of glow-in-the-dark stickers? (2 marks)

2. What is the total cost of the balloons and the biscuits combined? (2 marks)

3. If Max buys the stickers, the balloons, and the biscuits, how much money will he have left from his £20 note? (3 marks)

4. If Max decides to buy 3 more boxes of biscuits for his friends, how much would that cost in total? (2 marks)

5. Max finds a special offer: 2 packs of spider balloons for £7.00. Is this cheaper than buying them individually? Explain how you know. (3 marks)

Draw: Draw a symmetrical spider web pattern that Max could use as a decoration for the party.



Extension challenge: Max wants to buy 10 mini pumpkins that cost 85p each. Does he have enough money left from his original £20 if he has already bought the stickers, balloons, and biscuits? Calculate the exact difference.