

Max's Spooky Autumn Maths Challenge

Learning objective: To apply Year 4 mathematical skills including addition, subtraction, multiplication, division, and money calculations in a themed context.

Read each question carefully. Show your working out in the space provided. Remember to include units like £ or p in your answers where necessary.

Max the monkey is helping his friends prepare for an autumn harvest celebration. He has a budget of £20.00 to buy decorations and treats for the group. He visits the local market stalls to find the best prices for pumpkins, apples, and spooky paper lanterns.

Word bank: Calculation · Product · Difference · Total · Remainder · Decimal point

1. Max buys 4 large pumpkins. Each pumpkin costs £3.50. How much does Max spend in total on the pumpkins? (2 marks)

2. Ellie the elephant wants to buy a bag of shiny conkers for 85p and a golden leaf garland for £1.45. What is the total cost of these two items? (2 marks)

3. Kit the fox has 72 spooky stickers. He wants to share them equally between 6 friends. How many stickers will each friend receive? (2 marks)

4. Zara the zebra has £10.00. She spends £4.20 on face paint and £2.75 on glitter. How much change should she receive from her £10.00 note? Show your working out. (4 marks)

5. Pip the caterpillar finds a jar containing 145 dried berries. He eats 28 of them and then finds another 56 berries. How many berries does Pip have now? (3 marks)

6. Max is organising a party for 9 friends. He buys party hats that come in packs of 8. If he needs every friend to have one hat, how many packs must he buy and how many hats will he have left over? (4 marks)

7. Write a short story (approx. 50-70 words) about how you would spend a £20.00 budget to throw a harvest party. Include a list of items you would buy, their individual prices, and explain how you ensured you did not spend more than your £20.00 limit. (8 marks)

Draw: Draw a symmetrical spider web design in the corner of your paper, using at least four lines of symmetry.



Extension challenge: Total: /25