

# Spooky Math Challenge with Max the Monkey

*Learning objective: To consolidate Kindergarten mathematical skills including addition, subtraction, money, and shape recognition within a festive context.*

Read each question carefully. Use your counting skills to help Max the Monkey solve his Halloween puzzles. Write your answers clearly in the spaces provided.

Max the Monkey is decorating his tree for the fall festival. He has 12 shiny orange pumpkins and 8 purple lanterns. He visits the local market to buy treats for his friends.

*Word bank: addition · subtraction · more than · less than · total · pence · pounds · pattern*

**1. Max has 12 pumpkins and 8 lanterns. How many decorations does he have in total? Show your working out. (2 marks)**

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**2. Max sees a bag of spooky sweets that costs 15p. He has a 10p coin and a 5p coin. Does he have enough money to buy the sweets? Explain how you know. (3 marks)**

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**3. Max had 20 spider-shaped cookies. He gave 6 to his friend Leo the Lion. How many cookies does Max have left? Write a number sentence. (2 marks)**

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**4. Max is making a pattern with leaves: Orange, Brown, Orange, Brown... What are the next two colors in his pattern? (2 marks)**

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**5. Max finds 3 boxes of treats. Each box has 5 treats inside. If he counts them all, how many treats are there? (Hint:  $5 + 5 + 5 = ?$ ) (3 marks)**

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**6. Max wants to build a pumpkin tower. He has 18 pumpkins. If he takes away 5, how many are left? Then, if he adds 2 more, how many does he have now? (3 marks)**

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**7. Max the Monkey is planning a party for his friends. Imagine you are helping Max. Write a short story (4-5 sentences) about Max buying items at the market. You must include the cost of two items using £ or p, and tell us the total cost of his shopping trip. (5 marks)**

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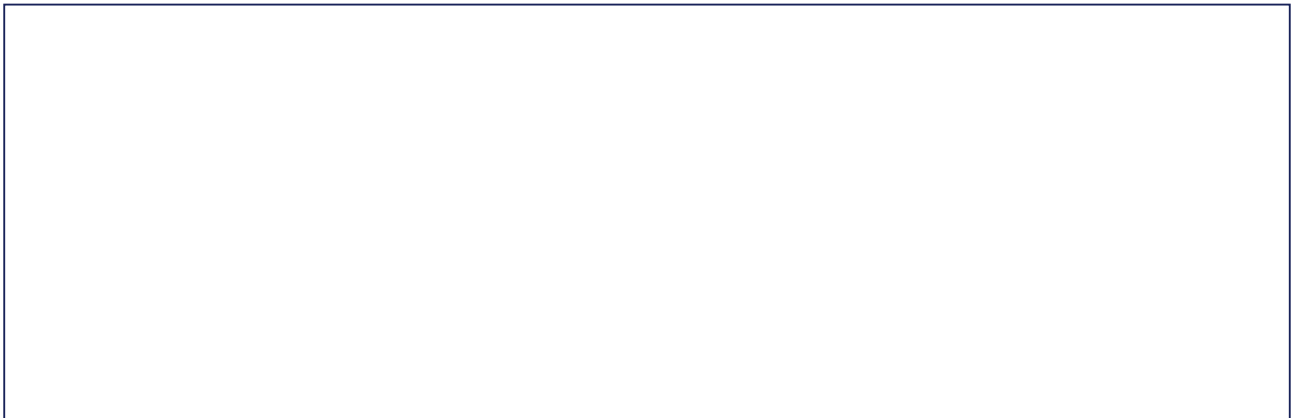
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**8. Look at a pumpkin. What 3D shape is it most like? Name the shape and describe one thing you know about it. (5 marks)**

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**Draw: Draw a collection of 10 spooky items for Max. Group them into two sets of 5 to show how you counted them.**



*Extension challenge: Total: /25. Challenge: If Max had £1 and spent 60p on party hats, how much change would he receive?*