

Max's Festive Maths Challenge

Learning objective: To apply Year 4 mathematical skills including money, multiplication, and time to festive-themed problems.

Help Max the monkey solve these Christmas puzzles! Read each question carefully and circle the best answer or write your solution in the space provided.

Answer Key: 1. B, 2. A, 3. True, 4. £12.50, 5. C, 6. False, 7. 48, 8. C, 9. True, 10. 15

Word bank: Product · Total · Difference · Digit · Estimate

1. Max is buying baubles. Each pack costs £2.50. How much do 4 packs cost? A) £8.00 B) £10.00* C) £12.00 D) £7.50 (1 mark)

2. If a string of lights is 12 metres long and you cut off 3 metres, what is the new length? A) 9 metres* B) 15 metres C) 8 metres D) 6 metres (1 mark)

3. True or False: 2,450 is greater than 2,540. (1 mark)

4. Ellie buys a gift for £8.50 and a card for £4.00. What is the total cost? (1 mark)

5. Which of these is a multiple of 8? A) 14 B) 26 C) 32* D) 44 (1 mark)

6. True or False: A rectangle used for a gift box has 4 right angles. (1 mark)

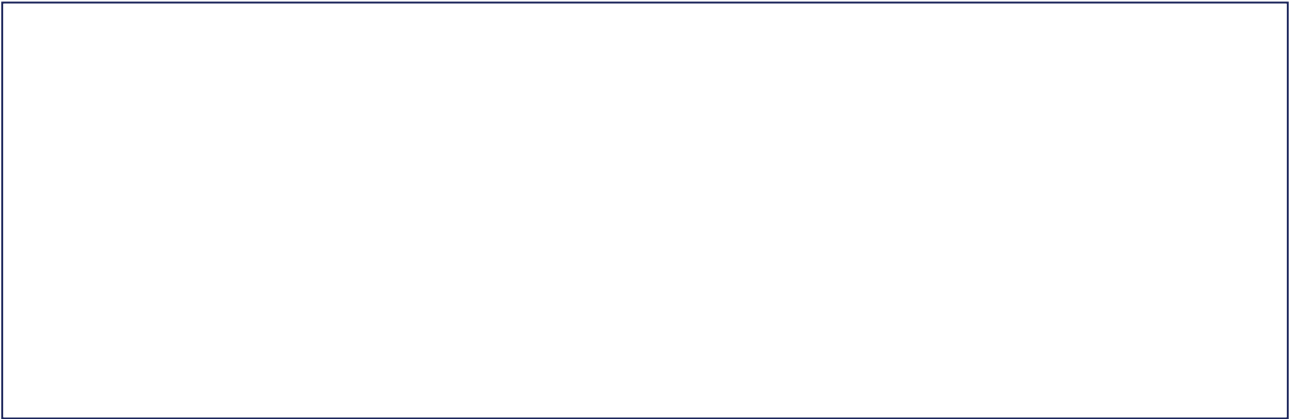
7. Pip the caterpillar is decorating. If he places 6 stars on each of the 8 branches, how many stars does he use in total? (1 mark)

8. Nova starts stargazing at 18:30 and finishes at 20:00. How long was she watching the sky? A) 30 mins B) 60 mins C) 90 mins* D) 120 mins (1 mark)

9. True or False: The number 1,000 has three zeros. (1 mark)

10. If Zara the zebra has 30 crackers and shares them equally between 2 friends, how many does each friend get? (1 mark)

Draw: Draw a festive maths scene featuring Max the monkey using a ruler to measure a Christmas tree and Pip the caterpillar counting baubles.



Extension challenge: Max has £20.00. He wants to buy 3 boxes of treats at £4.50 each. Does he have enough money? Show your working out and calculate how much change he would receive.