

Max the Monkey's Festive Math Challenge

Learning objective: To solve addition, subtraction, money, and pattern problems with a festive theme, meeting Grade 1 expectations.

Read each question carefully. Max the Monkey has left you some puzzles to solve before the Christmas holidays. Write your answers clearly in the spaces provided.

Answer Key: 1) C, 2) True, 3) 45p, 4) B, 5) False, 6) 30, 7) 12, 8) 60p, 9) True, 10) 15. Marks: 1 mark per question.

Word bank: total · difference · pence · pattern · addition · subtraction

1. Max has 15 red baubles and 12 gold baubles. How many baubles does he have in total?
A) 25 B) 26 C) 27* D) 28 (1 mark)

2. True or False: If a star costs 20p and a ribbon costs 10p, the star is more expensive than the ribbon. (1 mark)

3. Zara is making paper chains. She uses 25 blue links and 20 silver links. How many links does she have altogether? (1 mark)

4. What is the next shape in this Christmas pattern: Star, Circle, Star, Circle, ...? A) Circle B) Star* C) Square D) Triangle (1 mark)

5. True or False: 50p take away 20p equals 40p. (1 mark)

6. Pip the bookworm has 40 Christmas cards to write. He has already finished 10. How many does he have left to write? (1 mark)

7. If each present needs 2 bows, how many bows do you need for 6 presents? A) 8 B) 10 C) 12* D) 14 (1 mark)

8. Kit the fox buys a candy cane for 30p and a chocolate coin for 30p. How much does he spend in total? (1 mark)

9. True or False: 2×5 is the same as $5 + 5$. (1 mark)

10. Leo the lion has 25 cookies. He gives 10 cookies to his friends. How many cookies does Leo have now? (1 mark)

Draw: Draw a Christmas tree decorated with a pattern of baubles. Make sure you use at least two different shapes of baubles to show your pattern!



Extension challenge: Max the Monkey wants to buy a gift that costs £1.00. If he has three 20p coins and two 10p coins, does he have enough money? Explain your answer using addition.