

Max's Maths and Logic Challenge

Learning objective: To develop verbal reasoning skills including word associations, pattern recognition, and logical deduction as per Year 4 standards.

Join Max the monkey as we solve these tricky verbal puzzles! Read each question carefully. Some require choosing the best fit, while others test your ability to spot patterns in language.

Answer Key: 1.C, 2.B, 3.A, 4.True, 5.False, 6.Cold, 7.Big, 8.B, 9.A, 10.True

Word bank: Synonym · Antonym · Analogy · Sequence · Category

1. 1. Which word is a synonym for 'happy'? A) Gloomy B) Angry C) Cheerful* D) Bored (1 mark)

2. 2. Max says: 'Hot is to Cold as Big is to...?' A) Large B) Small* C) Huge D) Giant (1 mark)

3. 3. Which word does NOT belong in this group? A) Apple* B) Table C) Chair D) Desk (1 mark)

4. 4. True or False: 'Giant' and 'Tiny' are antonyms. (1 mark)

5. 5. True or False: A 'caterpillar' is a type of 'mammal'. (1 mark)

6. 6. Fill in the blank: Fire is to Hot as Ice is to _____. (1 mark)

7. 7. Give a synonym for the word 'Enormous'. (1 mark)

8. 8. Which letter completes the pattern: A, C, E, G, ____? A) H B) I* C) J D) K (1 mark)

9. 9. If a toy costs £4.50 and you pay with a £5 note, how much change do you get? A) 50p* B) £1.00 C) 40p D) 60p (1 mark)

10. 10. True or False: The word 'brilliant' has the same meaning as 'dull'. (1 mark)

Draw: Draw a picture of Max the monkey sitting in a tree, surrounded by floating speech bubbles that contain pairs of opposite words (antonyms) like 'Up/Down' or 'Fast/Slow'.



Extension challenge: Choose three pairs of antonyms. Can you write a short, funny sentence for each pair that shows exactly what they mean?