

Max's Maths and Logic Challenge

Learning objective: To develop verbal reasoning skills including word associations, synonyms, antonyms, and logic puzzles appropriate for Year 6.

Max the monkey has been busy creating puzzles! Read each question carefully and choose or write the correct answer. Remember, logic is just maths with words!

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

Word bank: Synonym · Antonym · Analogy · Logical · Deduction

1. 1. Which word is an antonym for 'courageous'? A) Brave B) Bold C) Cowardly* D) Fearless (1 mark)

2. 2. Complete the analogy: Finger is to Hand as Leaf is to... A) Tree B) Branch* C) Root D) Soil (1 mark)

3. 3. True or False: The words 'enormous' and 'minuscule' are synonyms. (1 mark)

4. 4. True or False: A 'prefix' is a group of letters added to the beginning of a word to change its meaning. (1 mark)

5. 5. Give a synonym for the word 'joyful'. (1 mark)

6. 6. Give an antonym for the word 'boiling'. (1 mark)

7. 7. If all monkeys like fruit, and Max is a monkey, what can you conclude? A) Max likes vegetables B) Max likes fruit* C) Max only eats bananas D) Max dislikes fruit (1 mark)

8. 8. Which of these words is the odd one out? A) Carrot* B) Hammer C) Screwdriver D) Spanner (1 mark)

9. 9. True or False: The word 'threw' is a homophone for 'through'. (1 mark)

10. 10. Max bought 3 notebooks for £2 each. How much change would he get from a £10 note? A) £2 B) £4* C) £6 D) £8 (1 mark)

Draw: Draw Max the monkey wearing a detective hat and holding a magnifying glass, looking at a giant puzzle piece that has the word 'LOGIC' written on it.



Extension challenge: Create your own 'odd one out' question. Choose four words where three share a common theme and one does not. See if a friend can solve it!