

## Max's Maths and Logic Challenge

*Learning objective: To develop verbal reasoning skills by identifying patterns, finding synonyms, and solving logical word puzzles.*

Read the passage carefully and use your logic skills to help Max the monkey solve the word puzzles below. Remember to look for clues in the text!

Max the monkey sat in the canopy of the rainforest with a pile of shiny pebbles. 'Everything is a puzzle!' Max cheered. He liked to arrange his pebbles in a logical sequence. First, he placed one, then three, then five. 'To solve this, I need to be accurate,' he told his friend, Pip the caterpillar. Pip peered at the patterns and suggested they discover new words for their collection. They looked for words that meant the same as 'tricky', such as 'puzzling' or 'challenging'. Max smiled, happy to calculate the next step of his day, knowing that using his brain was the best adventure of all.

*Word bank: calculate · sequence · puzzling · discover · accurate*

**1. Find a word in the passage that is a synonym (has the same meaning) for the word 'tricky'. (1 mark)**

**2. If Max follows his number pattern (1, 3, 5...), what would the next number be? Explain your reasoning. (2 marks)**

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**3. Which word from the word bank means 'to work out using maths'? (1 mark)**

**4. Max says, 'Everything is a puzzle.' Write down one other activity that could be considered a 'puzzle' in your daily life. (2 marks)**

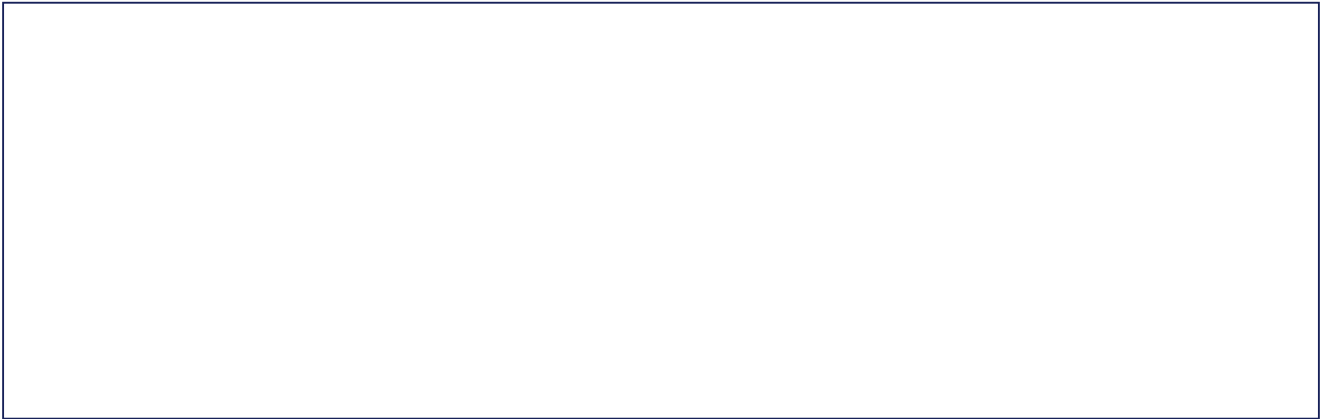
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**5. Look at the word 'accurate'. Can you think of an antonym (a word with the opposite meaning) for this word? (1 mark)**

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**Draw:** Draw Max the monkey sitting in a tree, surrounded by his pebble patterns. Make sure the patterns are clear for Max to solve!



*Extension challenge: Create your own number sequence pattern using three different items you might find in your pencil case. Write a sentence explaining the rule for your sequence.*