

## Max's Magnificent Maths Challenge: Addition Edition

*Learning objective: To practise adding whole numbers with more than four digits, including using formal columnar addition and solving word problems.*

Max the monkey has been busy collecting treasures for his jungle museum! Help him calculate the totals by answering these ten questions. Show your working out clearly.

Answer Key: 1. B (12,450), 2. True, 3. 24,198, 4. C (50,000), 5. False, 6. 18,345, 7. A (7,777), 8. 4,500, 9. True, 10. 15,350. Remember: Always line up your digits by their place value columns!

*Word bank: columnar · sum · total · regrouping · place value · calculation*

**1. 1. Max found 8,250 shiny pebbles and 4,200 smooth stones. What is the total? A) 12,000 B) 12,450\* C) 12,500 D) 13,450 (1 mark)**

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**2. 2. True or False: When adding numbers in a column, you should always start from the ones column on the far right. (1 mark)**

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**3. 3. Calculate:  $12,045 + 12,153 =$  (1 mark)**

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**4. 4. What is the sum of 25,000 and 25,000? A) 40,000 B) 45,000 C) 50,000\* D) 55,000 (1 mark)**

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**5. 5. True or False:  $1,999 + 1 = 2,099$  (1 mark)**

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**6. 6. Max bought a display case for £15,200 and some new labels for £3,145. How much did he spend in total? (1 mark)**

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**7. 7. Which of these is the correct answer to  $3,333 + 4,444$ ? A) 7,777\* B) 7,770 C) 7,000 D) 8,888 (1 mark)**

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**8. 8. Complete the calculation:  $2,000 + 2,500 =$  (1 mark)**

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**9. 9. True or False: Adding zero to a large number does not change its value. (1 mark)**

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10. 10. If Max has 10,000 feathers and finds 5,350 more, how many does he have now? (1 mark)

**Draw:** Draw Max the monkey sitting in his jungle museum, surrounded by piles of shiny pebbles and feathers he has counted.



*Extension challenge: Max wants to buy a new telescope that costs £45,000. He currently has £22,500 in his savings jar. How much more money does he need to reach his goal?*