

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)

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)

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

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)

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

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)

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)

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

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

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?