

Max the Monkey's Addition Adventure

Learning objective: To add numbers with up to three digits using formal written methods and solve addition word problems.

Read each question carefully. Show your working out for all calculations. You have 30 minutes to complete the assessment.

Max the monkey is helping his friends at the jungle market. He needs to add up the prices of items to help everyone pay the correct amount. Use your maths skills to help Max solve these puzzles.

Word bank: column method · total · exchange · sum · digit · place value

1. Max finds two bunches of bananas. One bunch costs £125 and the other costs £243. What is the total cost of both bunches? Show your column addition. (2 marks)

2. Calculate the following sum: $482 + 379$. Remember to show where you exchange any tens or hundreds. (3 marks)

3. Fill in the missing numbers to make this calculation correct: $3_4 + 21_ = 567$. (3 marks)

4. Ellie the elephant bought a storybook for £4.50 and a history map for £3.25. How much did she spend in total? Write your answer in pounds and pence. (3 marks)

5. Max has 615 pebbles. He finds 188 more pebbles on the riverbank. How many pebbles does he have now? Explain how you used place value to solve this. (4 marks)

6. Create your own word problem where you need to add 345 and 267. Write the problem clearly, and then provide the calculation and the final answer. (5 marks)

7. True or False: When you add 100 to 599, the answer is 600. Explain your reasoning. (5 marks)

Draw: Draw a picture of Max the monkey standing behind a market stall with three different items for sale, each with a price tag on it.



Extension challenge: Total: /25. Challenge: Can you write a number sentence that results in the answer 1,000 using only three-digit numbers?