

Max's Market Math: Place Value Adventure

Learning objective: To recognize the place value of each digit in a two-digit number (tens and ones).

Help Max the monkey count the items at the local village market. Look at the number of tens and ones carefully to solve the puzzles.

Max the monkey is visiting the market to buy ingredients for a giant fruit salad. He sees 43 shiny red apples in a crate. Max knows that 43 is made up of 4 tens and 3 ones. He also spots 28 bunches of bananas. He carefully partitions the number 28 into 2 tens and 8 ones. By understanding place value, Max can make sure he has exactly the right amount of fruit for his friends.

Word bank: tens · ones · digit · value · partition · column

1. Max has 56 plums. How many tens are there and how many ones are there? (2 marks)

2. What is the value of the digit 7 in the number 72? (1 mark)

3. Write the number that has 3 tens and 9 ones. (1 mark)

4. Max finds 81p in his pocket. If he spends 10p, what number will he have left? Show your working. (2 marks)

5. True or False: The number 64 is the same as 4 tens and 6 ones. Explain your answer. (2 marks)

Draw: Draw a picture of Max the monkey holding a basket. Inside the basket, draw 2 crates of apples (each crate should have 10 apples) and 5 loose apples to show the number 25.



Extension challenge: Max sees a sign for oranges that costs £45. If he wants to buy twice as many, how many tens and ones would he need in total? Write the new number down.