

Max's Multiplication Market

Learning objective: To recall and use multiplication facts for the 2, 5 and 10 multiplication tables.

Read the story about Max the monkey and help him solve the math puzzles at the fruit market. Show your working out clearly.

Max the monkey is helping his friends at the local fruit market. He loves to solve puzzles by counting fruit in equal groups. He sees 4 baskets of apples, and each basket has 5 apples inside. He also sees 3 bunches of bananas, with 10 bananas in every bunch. Finally, he counts 6 pairs of pears, which means there are 2 pears in each little pile. Max knows that multiplication is just a fast way to add up equal groups!

Word bank: multiply · groups of · total · array · multiplication · product

1. Max has 4 baskets with 5 apples in each. How many apples are there in total? Write a multiplication sentence to show your answer. (2 marks)

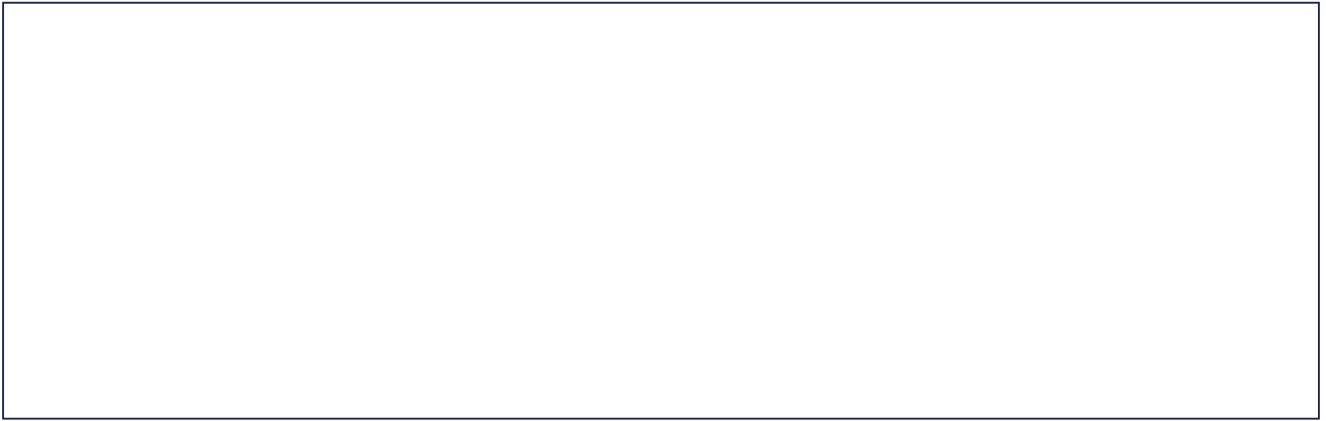
2. There are 3 bunches of bananas with 10 bananas in each. Use multiplication to find the total number of bananas. (2 marks)

3. Max counts 6 pairs of pears. Since a pair means 2, calculate 6×2 . What is the total? (2 marks)

4. If each apple costs 5p, how much would 2 apples cost? Show your calculation. (2 marks)

5. Max wants to buy 10 oranges. If each orange costs 2p, how much will he spend in total? Use the 10 times table to help you. (2 marks)

Draw: Draw an array to show 3 rows of 4 oranges. Underneath your drawing, write the matching multiplication calculation.



Extension challenge: Max finds a box of 20 plums. If he puts them into groups of 5, how many groups will he have? Explain how you worked this out.