

Max's Multiplication Market

Learning objective: To recall and use multiplication tables up to 12 x 12 and solve problems involving multiplication.

Read the scenarios below featuring Max the monkey. Show your working out clearly for each maths problem. Remember to include the correct units (£ and p) where needed.

Max the monkey is helping his friends at the community market. He loves using his maths skills to make sure everyone gets the right change and the right amount of fruit! He is currently organising the stalls for the day ahead.

Word bank: product · multiply · multiple · total · array · calculation

1. Max has 8 boxes of bananas. Each box contains 12 bananas. How many bananas does Max have in total? (2 marks)

2. Zara the zebra buys 6 punnets of strawberries. Each punnet costs £4. How much does Zara spend in total? (2 marks)

3. Pip the caterpillar wants to buy 9 apples. Each apple costs 30p. How much will 9 apples cost in total? Give your answer in pounds (£). (2 marks)

4. Max arranges some oranges into an array. He makes 7 rows with 7 oranges in each row. How many oranges are in the array? (2 marks)

5. Leo the lion needs 11 packs of seeds for his garden. Each pack costs £5. How much change will Leo get from a £60 note? (3 marks)

Draw: Draw an array to represent the calculation 6×4 using small circles to represent apples.



Extension challenge: Max has a budget of £100. He wants to buy 12 bags of peanuts at £4 each and 9 boxes of berries at £6 each. Does Max have enough money? Show your calculation to prove your answer.