

Max's Market Multiplication

Learning objective: To recall and use multiplication tables for the 6, 7, 9, 11 and 12 multiplication tables and solve problems involving multiplication.

Help Max the monkey work out the total costs at the fruit market. Remember to use your knowledge of times tables to solve these puzzles. Show your working out clearly.

Max is visiting the local market to buy snacks for his friends. He notices that items are sold in groups. Apples are sold in bags of 6, pears come in punnets of 7, and bunches of bananas have 9 fruits each. Max needs to calculate how much he will spend and how many pieces of fruit he will have in total to share at his picnic.

Word bank: product · multiply · total · factor · equation

1. Max buys 8 bags of apples. If each bag contains 6 apples, how many apples does he have in total? (2 marks)

2. Pears cost £4 per punnet. If Max buys 7 punnets, what is the total cost in pounds? (2 marks)

3. Max sees a display of 12 boxes of oranges. Each box holds 9 oranges. Write a multiplication calculation to find the total number of oranges and solve it. (2 marks)

4. A box of exotic berries costs £11. Max decides to buy 6 boxes. How much change will he get from a £100 note? (3 marks)

5. If 7 monkeys each have 12 bananas, how many bananas are there altogether? (2 marks)

Draw: Draw a basket containing 7 groups of 9 strawberries to help Max visualise his multiplication sum.



Extension challenge: Max has £50. He wants to buy as many punnets of grapes as possible. Each punnet costs £7. How many punnets can he buy, and how much money will he have left over?