

Max's Market Stall: Division Challenges

Learning objective: To recall and use division facts for the 3, 4, 6, 7, 8, 9, 11 and 12 multiplication tables and solve problems involving division.

Help Max the monkey sort his market stall items into equal groups. Show your working out clearly for each question.

Max is organising his fruit stall at the community market. He has crates of fresh produce that need to be packed into smaller bags to sell. Max knows that maths is the key to a tidy stall! He has 48 shiny red apples to put into bags of 4. He also has 36 juicy pears that he wants to share equally between 6 display baskets. Max uses his knowledge of multiplication tables to work out how many items go in each group. When he has extra items left over, he calls them his 'little remainders'.

Word bank: divisor · dividend · quotient · remainder · equal groups · share · calculate

1. Max has 48 apples. If he puts them into bags of 4, how many bags will he fill? Show your calculation. (2 marks)

2. Max has 36 pears to share equally into 6 baskets. How many pears will be in each basket? (1 mark)

3. Max finds 72 carrots and wants to pack them into bunches of 8. How many bunches can he make? (2 marks)

4. If Max has 25 oranges and puts them into bags of 3, how many full bags will he have and how many oranges will be left over (the remainder)? (2 marks)

5. Max sells a bag of fruit for £4. If he sells 9 bags, how much money does he make in total? (2 marks)

Draw: Draw a picture of Max the monkey standing by his market stall. Draw 12 pears divided equally into 3 baskets to show your understanding of division.



Extension challenge: Max has 50 plums. He wants to put them into bags of 6. How many full bags can he make, and how many plums will he have left over? Explain how you found your answer using your 6 times table.