

Max's Market Stall Challenge

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

Max the monkey is organising a fruit market. He needs to pack his produce into baskets to sell. Use your knowledge of division to help Max work out how many items go into each basket, or how many items are left over. For questions with remainders, show your working out.

Word bank: dividend · divisor · quotient · remainder · divide · share

1. Max has 24 juicy apples. He wants to share them equally into 3 baskets. How many apples will be in each basket? (2 marks)

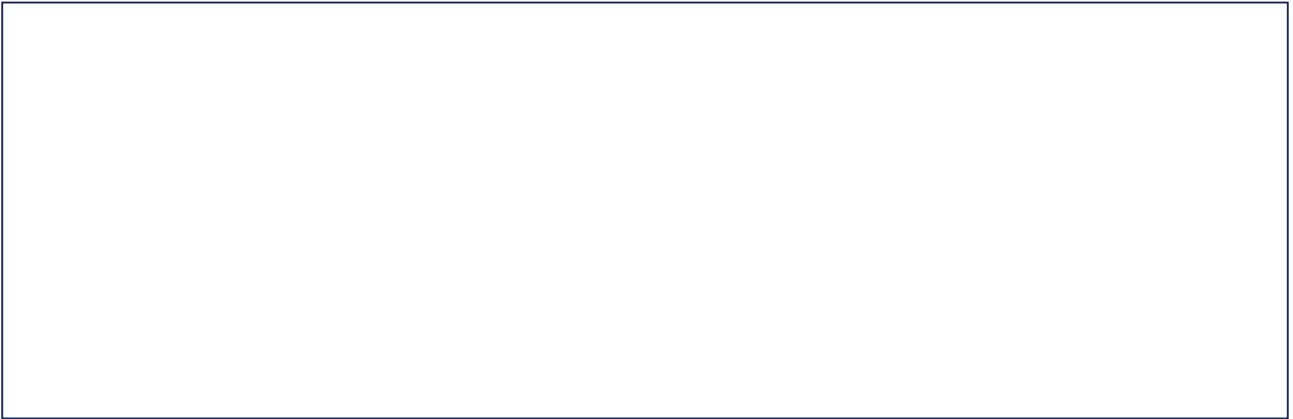
2. Max has 35 pears. He packs them into boxes of 4. How many full boxes can he make, and how many pears will be the remainder? (3 marks)

3. Max finds 48 plums. If he divides them into 8 equal groups, what is the quotient? (2 marks)

4. Max has 50 oranges. He wants to put 6 oranges in each bag. How many bags can he fill completely? How many oranges are left over? (3 marks)

5. Max sells a punnet of berries for £3. If he makes £36 in total from selling punnets, how many punnets did he sell? (Calculation: $36 \div 3$) (2 marks)

Draw: Draw 12 bananas being shared equally between 4 monkey friends. Show how many bananas each monkey gets.



Extension challenge: Max has 60 strawberries. He wants to divide them so that he has no remainder. Can you find three different ways (using different numbers of baskets) he could share them equally?