Max’s Market Stall Fractions

Learning objective: To recognise, find, and write fractions of a discrete set of objects and solve problems involving fractions.

Max the monkey is helping at the local fruit market today. He loves to group his fruit into fractions to keep his stall tidy. Read the story below and help Max sort his produce by completing the calculations and drawing your findings.

Max has a wooden crate filled with 12 pieces of fruit. Inside the crate, there are 4 shiny red apples, 6 yellow bananas, and 2 green pears. Max likes to make sure his display looks perfect. He needs to sell 1/4 of his apples, 2/3 of his bananas, and 1/2 of his pears before the market closes at lunchtime. Max also has a special offer: a punnet of berries costs £2.50, but if you buy half the punnet, it costs £1.25.

Word bank: numerator · denominator · fraction · part · whole · equivalent

1. How many apples does Max need to sell? (Remember: 1/4 of 4 apples) (2 marks)

2. Max sells 2/3 of his 6 bananas. How many bananas does he sell? (2 marks)

3. What fraction of the total 12 pieces of fruit are the green pears? Write your answer as a fraction in its simplest form. (2 marks)

4. If Max has 12 pieces of fruit in total and sells 1/2 of all his fruit, how many pieces of fruit are left? (2 marks)

5. A customer buys half of the £2.50 punnet of berries. How much change would they get from a £2.00 coin? (2 marks)

Draw: Draw Max’s fruit crate. Show 12 circles in total: colour 4 red for apples, 6 yellow for bananas, and 2 green for pears. Circle the fruit that Max is going to sell based on the fractions in the passage.

Extension challenge: Max has 20 oranges. He gives 1/4 to Pip the caterpillar and 2/5 to Ellie the elephant. How many oranges does Max have left for himself? Show your working out.