

Max's Market Stall Fractions

Learning objective: To recognise, find, and write fractions of a discrete set of objects and to compare unit fractions.

Max the Monkey is running a fruit stall! He has sorted his fruit into colourful baskets. Look at the contents of each basket and complete the tasks below by identifying the fractions. Use your knowledge of times tables to help you find equal groups.

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

1. Max has 12 apples in a basket. 3 of them are green and the rest are red. What fraction of the apples are green? Explain how you know. (2 marks)

2. Max has a punnet of 10 strawberries. He sells $\frac{1}{2}$ of them to a customer. How many strawberries did he sell? Show your working out. (2 marks)

3. If Max has 8 bananas and $\frac{1}{4}$ of them are bruised, how many bananas are bruised? (2 marks)

4. Max is selling oranges for £1.00 each. If a customer buys $\frac{1}{5}$ of a bag of 15 oranges, how much money does the customer spend? (2 marks)

5. Compare these two fractions: $\frac{1}{3}$ and $\frac{1}{6}$. Which is larger? Why is the denominator smaller for the larger fraction? (2 marks)

Draw: Draw a basket containing 12 pieces of fruit. Colour $\frac{1}{4}$ of the fruit yellow to represent bananas and the rest red to represent apples. Label your drawing with the correct fractions.



Extension challenge: Max has 20 pears. Can you find three different unit fractions of his pear collection? Write them down and calculate how many pears each fraction represents.