

Max's Market Stall Statistics

Learning objective: To interpret and present discrete data using bar charts, pictograms, and tables.

Max the monkey is running a fruit stall at the local village fair. Help him organise his sales data by completing the table and drawing a bar chart. Use a ruler for your lines and ensure your axes are labelled clearly.

Max sold various pieces of fruit throughout the morning. He kept a tally of his sales: 12 apples, 8 pears, 15 oranges, and 5 bananas. Each fruit costs 50p. Max needs to display his sales data so he can see which fruit is the most popular and how much money he made for his charity fund.

Word bank: axis · frequency · data · interval · scale · total

1. Complete a frequency table for Max's fruit sales using the information in the passage. (2 marks)

2. What is the total number of pieces of fruit that Max sold altogether? (1 mark)

3. If every piece of fruit costs 50p, how much money did Max make in total? Show your working out. (2 marks)

4. Which fruit was the least popular, and how many were sold? (1 mark)

5. Explain why it is important to label the axes on a bar chart. (2 marks)

Draw: Draw a neat bar chart to represent Max's fruit sales. Use the fruit names on the horizontal axis and the number of items sold on the vertical axis. Remember to use a sensible scale, such as counting in 2s or 5s.



Extension challenge: Max decides to lower the price of bananas to 20p to sell more. If he sells 10 more bananas at this new price, how much extra money will he make? Write a short sentence explaining if this was a good business decision.