

Max's Market Stall: Analysing Data

Learning objective: To interpret and present data using bar charts, pictograms, and tables to solve one-step and two-step problems.

Help Max the monkey organise his fruit stall records. Use the data provided in the tables and charts to answer the questions below. Show your working out clearly.

Max has been counting the fruit he sold at the market this week. On Monday, he sold: 12 apples, 8 bananas, 15 oranges, and 5 pears. On Tuesday, he sold: 10 apples, 12 bananas, 7 oranges, and 10 pears.

Word bank: data · frequency · bar chart · pictogram · total · difference · scale · axis

1. Using the data provided, calculate the total number of apples Max sold over the two days. (2 marks)

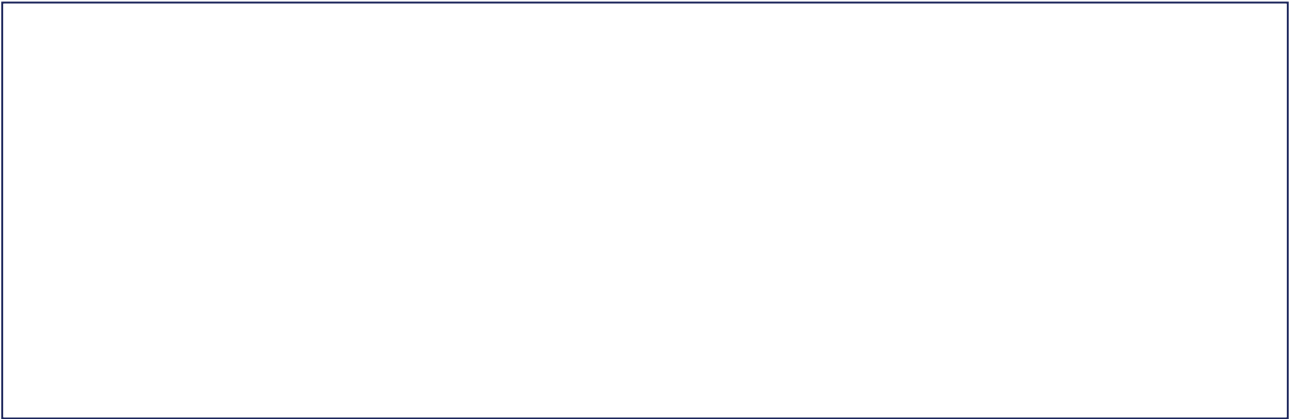
2. What is the difference between the number of oranges sold on Monday and the number of oranges sold on Tuesday? (2 marks)

3. Max decides to draw a bar chart. If one square on the vertical axis represents 2 pieces of fruit, how many squares high would the bar for Monday's bananas be? (2 marks)

4. Which fruit had the highest total sales across both Monday and Tuesday combined? (2 marks)

5. Max sells his apples for 30p each. If he sold 10 apples on Tuesday, how much money did he make from apples that day? Give your answer in pounds (£). (3 marks)

Draw: Draw a simple bar chart to show the fruit sold on Monday. Remember to label your axes: 'Type of Fruit' on the horizontal axis and 'Number Sold' on the vertical axis.



Extension challenge: If Max wants to sell 50 pieces of fruit in total on Wednesday, how many more pieces of fruit does he need to sell if he has already sold 35 pieces by lunchtime?