

Max's Market Stall Statistics

Learning objective: To interpret and present discrete data using bar charts and pictograms, and solve comparison and sum/difference problems.

Max the monkey is running a fruit stall at the forest market. Look at the data table below showing how many pieces of fruit he sold on Saturday, then answer the questions to help him manage his stock.

Max's Fruit Stall Sales on Saturday:

Apples: 15

Bananas: 22

Oranges: 12

Pears: 8

Each apple costs 30p, each banana costs 25p, each orange costs 40p, and each pear costs 35p.

Word bank: tally chart · bar chart · frequency · total · difference · data · pictogram

1. Using the data provided, which fruit was the most popular and which was the least popular? (2 marks)

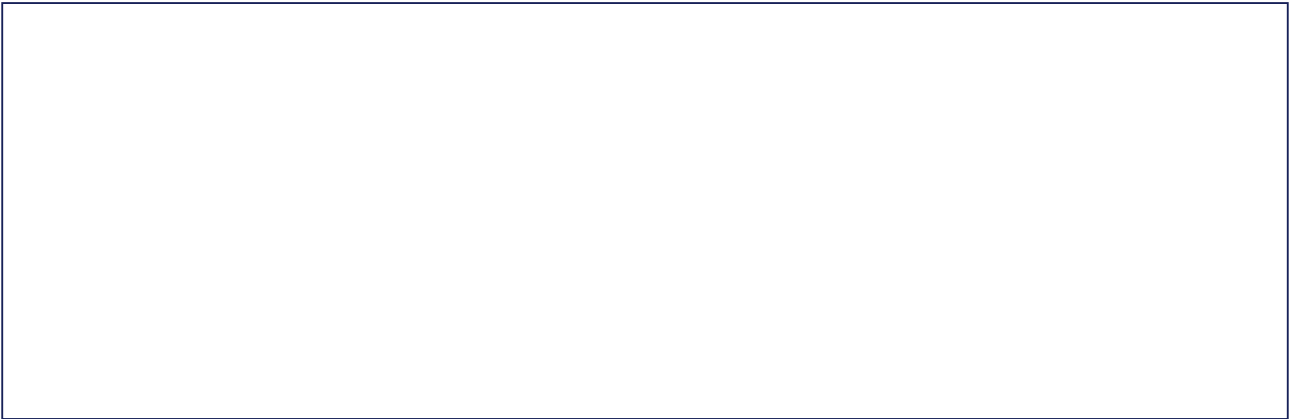
2. What is the total number of pieces of fruit that Max sold altogether on Saturday? (2 marks)

3. How many more bananas did Max sell than pears? (2 marks)

4. Max sold 15 apples at 30p each. How much money did he make from the apples in total? Give your answer in pounds and pence. (2 marks)

5. If Max wants to create a bar chart for this data, what would be a sensible scale to use on the y-axis (the vertical axis) to ensure all fruit totals fit clearly? (2 marks)

Draw: Draw a bar chart to represent Max's fruit sales. Remember to include a title, labels for both axes, and a clear scale.



Extension challenge: Max has 50 pieces of fruit in total to start his Sunday. If he predicts he will sell 10 more bananas than he did on Saturday, how many bananas will he have left at the end of Sunday?