

Max's Market Stall Statistics

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

Max the monkey has been busy selling fruit at the local market. Use the data in the table below to answer the questions. Remember to check the scale carefully!

Max the Monkey's Fruit Sales:

Apples: 15
Bananas: 25
Oranges: 10
Strawberries: 20

*Each symbol in a pictogram for this data represents 5 pieces of fruit.

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

1. How many bananas did Max sell? Write your answer as a number. (1 mark)

2. Max sold apples for £1 each and oranges for £2 each. How much money did he make from the apples and the oranges combined? (2 marks)

3. Which fruit was the most popular, and which was the least popular? (2 marks)

4. How many more strawberries did Max sell than oranges? (2 marks)

5. If Max sells 5 more bananas tomorrow, what will the new total for bananas be? (1 mark)

Draw: Draw a bar chart to represent Max's sales. Put the fruit names on the horizontal axis and the number of items sold on the vertical axis. Remember to use a sensible scale, like counting in 5s!



Extension challenge: If Max decides to sell bags of mixed fruit for £3 each, and he uses 2 apples and 1 orange in every bag, how many bags could he make using all his current stock of apples and oranges?