

Max's Market Stall Statistics

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

Help Max the monkey organise his fruit stall records! Read the passage below, answer the questions, and use the drawing prompt to create your own bar chart.

Max the monkey has opened a fruit stall at the forest market. Today, he sold different types of fruit to his animal friends. Max recorded his sales carefully: he sold 12 bananas, 8 apples, 5 pears, and 10 oranges. Each piece of fruit cost £1.50. Max wants to create a chart to show his busy day to the other forest animals.

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

1. Using the data in the passage, how many pieces of fruit did Max sell in total? (2 marks)

2. What is the difference between the number of bananas sold and the number of pears sold? (2 marks)

3. If every piece of fruit cost £1.50, how much money did Max make from selling 10 oranges? (2 marks)

4. Why is it important for Max to label the axes on his bar chart? (2 marks)

5. If Max sells 4 more apples tomorrow, what will his new total for apples be? (1 mark)

Draw: Draw a bar chart to display Max's sales. Label the horizontal axis with the fruit names (Bananas, Apples, Pears, Oranges) and the vertical axis with the number of pieces sold (from 0 to 15). Use a ruler to ensure your bars are neat and colour them in.



Extension challenge: Max decides to introduce a 'Fruit Salad' deal. If he sells 3 pieces of fruit for £4.00, how much would a customer save compared to buying them individually at £1.50 each?